Index for Years 1968, 1969, and 1970

(Volumes 15, 16, and 17)

Note: The volume year is in *italic* type. Page numbers of symposium and article titles are in **boldface** type.

SYMPOSIUM TITLES

1968

February	ANTIMICROBIAL THERAPY
May	RECENT CLINICAL ADVANCES
August	DEVELOPMENTAL DISORDERS OF MOTILITY AND LANGUAGE
November	MENTAL RETARDATION

1969

February	PEDIATRIC ALLERGY
May	THE PHYSICIAN AND SEX EDUCATION
August	SURGICAL PEDIATRICS
November	CHANGING PATTERNS IN CHILD HEALTH CARE

1970

February	THE SMALL-FOR-DATE INFANT
May	RECENT CLINICAL ADVANCES
August	POISONING IN CHILDREN
November	THE NEWBORN

ABDOMEN. See also *Gastrointestinal tract.*
distention, after surgery, *1969:* Aug., 695
pain in, poisoning and, *1970:* Aug., 491
Abdominal breathing, in asthma, *1969:* Feb., 34
Aberrations, chromosomal. See under *Chromosomes.*
Abnormalities and deformities. See also under organs and regions.
cardiac, surgery for, *1968:* May, 346
chromosomal. See under *Chromosomes.*
in small-for-date infants, *1970:* Feb., 19–21
maternal estriol and, *1970:* Feb., 22
Abortion, for adolescents, *1969:* May, **363–369**
Abscess, peritoneal, treatment of, *1969:* Aug., 747
Accidents, in childhood, psychodynamics of, *1970:* Aug., 654
Acetylcholine, as mediator of allergic reactions, *1969:* Feb., 103–104
inhibition of, drug intoxication and, *1970:* Aug., 479, 640
Acetylcysteine, in aerosol, *1969:* Aug., 616
Acetylsalicylic acid, poisoning, prevention of, *1970:* Aug., 724
Achromycin. See *Tetracyclines.*
Acid-base, balance. See also *Acidosis; Alkalosis.*
disturbances, in fetal malnutrition infants, *1970:* Feb., 176, 179
in status asthmaticus, *1969:* Feb., 19
changes, maternal-fetal, *1970:* Nov., 821
determination, in respiratory disorders, *1969:* Feb., 168–171

Acidemia, isovaleric, *1968:* May, 499
Acidosis. See also *Acid-base, balance; Alkalosis.*
  in asthma, *1969:* Feb., 12
  in poisoning, *1970:* Aug., 516
Acrodynia, clinical findings in, *1970:* Aug., 608
ACTH. See *Corticotropin.*
Actinomycosis, antibiotics for, *1968:* Feb., 237
Activated charcoal, for sedative overdosage, *1970:* Aug., 620
  in poison therapy, *1970:* Aug., 526, **535-543, 545-556**
    efficacy of, *1970:* Aug., 537
    evaluation of, *1970:* Aug., 498
    optimal dose of, *1970:* Aug., 541
  preparations of, *1970:* Aug., 535
  substances adsorbed by, *1970:* Aug., 537, 547
Activated charcoal-poison complex, stability of, *1970:* Aug., 540
Addison's disease, maternal, effect on fetus, *1970:* May, 281
Adenoidectomy, in allergic children, indications, *1969:* Feb., 78
Adenoids, enlarged, dysarthria and, *1968:* Aug., 618
Adenyl cyclase, asthma and, *1969:* Feb., 103
Adolescents. See also *Puberty.*
  behavior problems, *1969:* May, 379
  contraception and, *1969:* May, **355-361**
    risks, *1969:* May, 357-360
  growth and development in, *1969:* May, 388-390
  physical changes in, *1969:* May, **407-414**
    emotional reactions, *1969:* May, 422
  pregnancy in, *1969:* May, **347-354**
    abortion and, *1969:* May, **363-369**
    physician's role in management, *1969:* May, 349-352
    prevention, *1969:* May, 352-353
  sexual development in, *1969:* May, 422-427
  suicide in, *1970:* Aug., **687-696**
Adrenal glands, cortex, hormones, maternal and fetal, *1970:* May, 278-281
  steroids. See *Corticosteroids.*
  hyperplasia, congenital, *1968:* May, **395-407**
    treatment, *1970:* Nov., 1004
    hypertensive, *1968:* May, 400
    simple virilizing, *1968:* May, 399
  insufficiency, congenital, *1970:* Nov., 1007
    transient, in newborns, *1970:* Nov., 1008
Adrenal hormones, intrauterine growth and, *1970:* Feb., 112
Adrenalin. See *Epinephrine.*
Adrenocorticosteroids. See *Corticosteroids.*
Adrenocorticotropic hormone. See *Corticotropin.*
Adrenocorticotropin. See *Corticotropin.*
Adrenogenital syndrome. See *Adrenal glands, hyperplasia.*
Advances, clinical, recent, symposium on, *1968:* May, **299-558**
Aerobacter infections, chloramphenicol for, *1968:* Feb., 60
  kanamycin for, *1968:* Feb., 76
  neomycin for, *1968:* Feb., 76
  paromomycin for, *1968:* Feb., 76
Aerosols, bronchodilator, for asthma, *1969:* Feb., 318
  therapy, in surgical patient, *1969:* Aug., 615
Agammaglobulinemia, allergy and, *1969:* Feb., 4
Age, allergy and, *1969:* Feb., 229
  gestational. See *Gestational age.*
  skeletal, puberty and, *1969:* May, 410
Aggression, reinforcement therapy for, *1970:* May, 428
Air. See also *Oxygen.*
  conditioning, laminar flow vs., *1970:* Nov., 788
  filtration of, in treatment of allergy, *1969:* Feb., 50
Airway. See *Respiratory tract.*
Albamycin. See *Novobiocin.*
Albumin. See also *Protein.*
  in reducing poison distribution, *1970:* Aug., 500
  in transfusion, *1969:* Aug., 597
Alcoholism, chronic, small-for-date infants and, *1970:* Feb., 165
Aldosterone, synthesis, *1968:* May, 397
Alimentary tract. See also *Gastrointestinal tract.*
  secretory antibody in, viral immunity and, *1970:* May, 391
Alkalization, in treatment of sedative overdosage, *1970:* Aug., 623
  in treatment of status asthmaticus, *1969:* Feb., 21
Alkalosis. See also *Acid-base, balance; Acidosis.*
  as complication of asthma, *1969:* Feb., 25
Allergens. See also specific allergens.
  asthmatic hyperresponse to, *1969:* Feb., 150-151
  contactant, *1969:* Feb., 45, 196
  inhalant, *1969:* Feb., 43, 196, 232
  removal from environment, *1969:* Feb., 50
  skin tests for, *1969:* Feb., 232, 238
Allergy. See also *Asthma; Eczema.*
  age and, *1969:* Feb., 229
  bacterial, *1969:* Feb., 71
    injection therapy for, *1969:* Feb., 253-254
  breast feeding and, *1970:* Feb., 219
  causes of, *1969:* Feb., 43-47
  conferences with parents in, *1969:* Feb., 52-53
  corticosteroids for, *1969:* Feb., **287-304**
  corticotropin for, *1969:* Feb., 18, **287-304**
  danders, *1969:* Feb., 44
  deoxystreptamine, *1968:* Feb., 79
  diseases associated with, *1969:* Feb., 4
  emotional factors in, *1969:* Feb., 47-48
  environmental control in, *1969:* Feb., **43-54,** 229, 231
  eosinophilia and, *1969:* Feb., **125-148**

Allergy *(Continued)*
food, after infancy, *1969:* Feb., **217–225**
in infants, *1969:* Feb., **211–216**
immunoglobulins and, *1969:* Feb., **109–123**
infection and, *1969:* Feb., 46, **67–83**
injection therapy for, *1969:* Feb., **243–255**
management of, *1969:* Feb., **305–320**
penicillin, *1968:* Feb., 24
cephalothin and, *1968:* Feb., 39
race and, *1969:* Feb., 231
reactions, antigen-antibody, *1969:* Feb., 307–308
cutaneous, *1969:* Feb., 193
hyperresponsive, *1969:* Feb., **149–158**
injection therapy and, *1969:* Feb., 259–261
mechanisms, *1969:* Feb., 306–307
mediators, *1969:* Feb., **95–107**
types, *1969:* Feb., 227–229
research in, *1969:* Feb., 50–52
sex and, *1969:* Feb., 231
skin tests in, *1969:* Feb., **227–241**. See also *Skin, tests.*
stinging insects, *1969:* Feb., **177–191**
streptomycin, *1968:* Feb., 75
symposium on, *1969:* Feb., **1–320**
treatment of, progress in, *1969:* Feb., **1–7**
weather and, *1969:* Feb., 45
Alopecia, drug-induced, *1970:* Aug., 516
in poisoning, *1970:* Aug., 488
Amebiasis, antibiotics for, *1968:* Feb., 238
intestinal, erythromycin for, *1968:* Feb., 125
paromomycin for, *1968:* Feb., 80
Amino acids. See *Protein*; and specific amino acids.
Aminophylline, for asthma, *196*[illegible] May, 370; *1969:* Feb., 17
Amniocentesis, complications of, *1970:* Feb., 50
Amniotic fluid, cytology of, *1970:* Feb., 60
origin, fate, and composition of, *1970:* Feb., 51
osmolality of, *1970:* Feb., 52
studies of, fetal maturity and, *1970:* Feb., **49–67**
Amphetamine (Dexedrine), for minimal brain dysfunction, *1968:* Aug., 794
intoxication, *1970:* Aug., 480
Amphotericin B, *1968:* Feb., 108–112
dosage and routes of administration, *1968:* Feb., 284
for blastomycosis, *1970:* May, **437–447**
mechanism of action, *1968:* Feb., 4, 5
preparation procedure, *1968:* Feb., 275
therapeutic use, *1968:* Feb., 111, 238
Ampicillin, *1968:* Aug., 806. See also *Penicillin, semisynthetic.*
activity, *1968:* Feb., 18
for bacterial meningitis, *1968:* Feb., 191
for bronchial asthma, *1968:* May, 375
for epiglottitis, *1968:* Feb., 205
for Hemophilus influenzae meningitis, *1970:* May, 423
for Hemophilus influenzae pneumonia, *1968:* Feb., 209
Ampicillin *(Continued)*
for laryngotracheitis, *1968:* Feb., 206
for otitis media, *1968:* Feb., 201
for salmonella gastroenteritis, *1968:* Feb., 235
for shigellosis, *1968:* Feb., 232
for surgical infections, *1969:* Aug., 758
for urinary tract infections, *1968:* Feb., 255
therapeutic use, *1968:* Feb., 20, 21, 22
in newborn, *1968:* Feb., 161
Analeptic drugs, for sedative overdosage, *1970:* Aug., 620
intoxication, *1970:* Aug., **557–567**
Analgesics, narcotic, obstetric use, effect on fetus, *1970:* Nov., 846
Anaphylatoxin, *1969:* Feb., 102
Anaphylaxis, passive transfer test for, *1969:* Feb., 238
slow-reacting substance of (SRS-A), *1969:* Feb., 101–103
Anastomosis, of intestines, postoperative complications, *1969:* Aug., 695–697
Androgen insensitivity syndrome, *1969:* May, 396
Androgens, adrenal synthesis, *1968:* May, 399
maternal and fetal, *1970:* May, 285
Anemia, chloramphenicol and, *1968:* Feb., 63
due to amphotericin B, *1970:* May, 440
Fanconi's, intrauterine growth retardation in, *1970:* Feb., 107
in surgical patient, *1969:* Aug., 691
posthemorrhagic, in newborn, *1970:* May, **401–413**
sickle cell, tests in, *1970:* May, 456
Anesthesia, during childbirth, breast feeding and, *1970:* Feb., 209
fetal chemistries and, *1970:* Nov., 827, 841, 847
for diabetic patient, *1969:* Aug., 673
mortality, *1969:* Aug., 608
preparation for and recovery from, *1969:* Aug., **601–611**
temperature and, in newborn, *1969:* Aug., 653
Angiitis, hypersensitivity, eosinophilia and, *1969:* Feb., 133
Angioedema, eosinophilia in, *1969:* Feb., 137
urticaria and, *1969:* Feb., 228
Aniline dye, poisoning by, test for, *1970:* Aug., 522
Animals, contact, infection and, *1968:* Feb., 143
Anomalies. See *Abnormalities and deformities*; and under organs and regions.
Anoxia, perinatal, high-frequency hearing loss and, *1968:* Aug., 686
Antibiotics. See also specific drugs, as *Penicillin.*
antifungal, *1968:* Feb., **107–118**
β-lactam, *1968:* Feb., 14
choice, common sense in, *1968:* Feb., 142–152
deoxystreptamine-containing, *1968:* Feb., 75

Antibiotics *(Continued)*
dosages and routes of administration, *1968:* Feb., **275–290**
for bronchial asthma, *1968:* May, 375
infection in, bronchial asthma, *1969:* Feb., 74–77
for infections, gastrointestinal, *1968:* Feb., **227–242**
for staphylococcal infections, *1968:* Feb., **167–183**
for tuberculosis, *1968:* Feb., **213–225**
macrolide, *1968:* Feb., **119–129**
mechanisms of action, *1968:* Feb., **3–11**
polyene, *1968:* Feb., 108
therapy, common sense in, *1968:* Feb., **141–156**
in newborn, *1968:* Feb., **157–166;** *1969:* Aug., 752
in surgical infections, *1969:* Aug., 755–761
symposium on, *1968:* Feb., **1–290**
use of, common sense in, *1968:* Feb., 152–155
prophylactic, *1968:* Feb., **261–273**
infection and, *1969:* Aug., 715
surgery and, *1969:* Aug., 739–741
Antibodies, skin-sensitizing, *1969:* Feb., 115–117
Anticholinergic drugs, intoxication by, *1970:* Aug., 480
Anticoagulants. See also specific drugs.
therapy, for shock, *1969:* Aug., 634
Antidepressants, intoxication by, *1970:* Aug., **557–567**
Antidotes, for poisoning with pesticides, *1970:* Aug., 574
for poisoning with psychoactive drugs, *1970:* Aug., 560
"universal," inadequacy of, *1970:* Aug., 527, 540
Antigen-antibody reactions, allergy and, *1969:* Feb., 307–308
Antihistamines, for allergic eczema, *1969:* Feb., 199
for allergic symptoms, *1969:* Feb., 263
for allergy, *1969:* Feb., 314, 315
for bronchial asthma, *1968:* May, 374
Antihypertensives. See *Drugs.*
Antimicrobials. See *Antibiotics; Drugs.*
Antimony, in poison therapy, comparative value of, *1970:* Aug., 529
poisoning, test for, *1970:* Aug., 518
Anuria, postoperative, *1969:* Aug., 697
Anus, imperforate, roentgen examination, *1970:* Nov., 1000
Aorta, coarctation, in newborn, *1970:* Nov., 972
Apgar score, *1970:* Nov., 839
Aphasia, assessment, *1968:* Aug., 641
causes, *1968:* Aug., 639
childhood, cerebral dominance and, *1968:* Aug., 767
developmental, minimal cerebral damage syndrome and, *1968:* Aug., 787–789
receptive, *1968:* Aug., 731–742
symptoms of, *1968:* Aug., 732
Apomorphine, in poison therapy, *1970:* Aug., 498, 529
in sedative overdosage, *1970:* Aug., 620
Apraxia, developmental, *1968:* Aug., **601–610**
Aralen. See *Chloroquine.*
Arithmetic, anomalies in, *1968:* Aug., **651–668.** See also *Dyscalculia.*
Arm, injuries to, cerebral dominance and, *1968:* Aug., 760
Arsenic poisoning, *1970:* Aug., 609–610
chelating agents for, *1970:* Aug., 594
test for, *1970:* Aug., 518
Arteries. See also *Blood vessels; Cardiovascular system; Veins.*
blood pressure monitoring and, *1969:* Aug., 640, 641
Arthritis, septic, lincomycin for, *1968:* Feb., 136
Arthus reaction. See *Toxic complex syndrome.*
Asphyxia, barbiturates as prophylaxis for, *1970:* Nov., **851–862**
Aspiration, after surgery, *1969:* Aug., 694
pneumonitis, with sedative overdosage, *1970:* Aug., 625
Aspirin. See *Acetylsalicylic acid.*
Asthma. See also *Allergy.*
breathing and physical fitness exercises in, *1969:* Feb., **31–42**
bronchial, *1968:* May, **357–385**
bronchiolitis and, *1969:* Feb., **55–66**
bronchodilator aerosols for, *1969:* Feb., 318
causes of, *1969:* Feb., 245
complications of, *1969:* Feb., 24
corticosteroids for, *1969:* Feb., **287–304**
diagnosis of, *1968:* May, 377; *1969:* Feb., 243, 272–278
early morning episodes, prevention of, *1969:* Feb., 268
emotional factors in, *1969:* Feb., 47
eosinophilia in, *1969:* Feb., 128
infection in, *1969:* Feb., 67–74
treatment of, *1969:* Feb., 74–77
inhalation bronchial challenge in, *1969:* Feb., **85–94**
injection therapy for, *1969:* Feb., **243–255**
management of child with, *1969:* Feb., **257–269**
pathogenesis of, *1969:* Feb., 272
pathology of, *1969:* Feb., 58
prevention of, *1968:* May, 380
psychosomatic study and treatment, *1969:* Feb., **271–286**
roentgen findings in, *1969:* Feb., 60–63
sedation of child with, *1969:* Feb., 268
status asthmaticus, *1968:* May, 377, 380; *1969:* Feb., **9–29**
therapy for, *1969:* May, 365–381; *1969:* Feb., 15–26
thinning of mucus in, *1969:* Feb., 267
vagotonia in, *1969:* Feb., 155
Asthmatic crisis. See *Asthma, status asthmaticus.*
Asthmatic hyperresponsiveness, *1969:* Feb., **149–158**

Asthmatic patients, bronchial hyperreactivity and, *1968:* May, 359
characteristics, *1968:* May, 357–359
Asthmatic shock. See *Asthma, status asthmaticus.*
Ataxia, and leukemia, *1968:* May, 389–390
Ataxia-telangiectasia (AT), *1968:* May, 503
Atopic dermatitis, *1969:* Feb., 194–202
Atopic disease. See *Allergy.*
Atopic erythroderma, eosinophilia and, *1969:* Feb., 135
Atropine, as preanesthetic sedative, *1969:* Aug., 603
body temperature and, *1969:* Aug. 653
intoxication by, *1970:* Aug., 480
Atropine sulfate, for insecticide poisoning, *1970:* Aug., 641
Attention span, short, in developmental hyperactivity, *1968:* Aug., 584
Audiologic management of deafness, *1970:* May, 352
Auditory. See also *Hearing.*
discrimination, *1968:* Aug., **721–727**
assessment of, *1968:* Aug., 723, 725
Aureomycin. See *Tetracyclines.*
Autism, infantile, *1968:* Aug., 635
Autohemolysis test, in hemolytic disorders, *1970:* May, 459
Autoimmune disorders, infection in, *1969:* Feb., 81
Autosomal inheritance. See under *Heredity.*
Autosomes. See *Chromosomes.*
Auxiliary personnel, in child health care, *1969:* Nov., **921–927, 929–938**
Aversive stimulation, in development of behavior, *1968:* Nov., 974
Azulfidine. See *Salicylazosulfapyridine.*

BACILLI, gram-negative, infections, antibiotics for, *1968:* Feb., 76, 79
Bacitracin, *1968:* Feb., **85–94**
dosage and routes of administration, *1968:* Feb., 283, 284
for surgical infections, *1969:* Aug., 755
mechanism of action, *1968:* Feb., 4, 5
preparation procedure, *1968:* Feb., 276
therapeutic use, *1968:* Feb., 91
toxicity, *1968:* Feb., 91
Bacteremia, Clostridium perfringens, diagnosis, *1968:* Feb., 150
staphylococcal, antibiotics for, *1968:* Feb., **167–183**
Bacteria. See also *Viruses;* and specific bacteria.
L-forms, *1968:* Feb., 8
Bacterial allergy, *1969:* Feb., 71
injection therapy in, *1969:* Feb., 253–254
Bacterial bronchiolitis, *1969:* Feb., 57
Bacterial endocarditis. See under *Endocarditis.*
Bacterial meningitis. See under *Meningitis.*
Bacterial vaccine, in treatment of asthma, *1969:* Feb., 75
Bacteriologic statistics, value in antibiotic therapy, *1968:* Feb., 147–149
BAL (British anti-lewisite), in heavy metal poisoning, *1970:* Aug., 592–597, 603
Balantidiasis, antibiotics for, *1968:* Feb., 240
Banana peel, dried, intoxication by, *1970:* Aug., 486
Bank blood, for shock, *1969:* Aug., 631
Barbiturates, in pregnancy, effects on fetus, *1970:* Nov., 841
intoxication by, laboratory tests for, *1970:* Aug., 512, 518
signs of, *1970:* Aug., 480
therapy, *1970:* Aug., 500, **617–628**
Scandinavian method, *1970:* Aug., 558
prophylactic, for asphyxia, *1970:* Nov., **851–862**
BCG vaccination, *1968:* May, 536, 538, 539
Bee sting, diagnosis of, *1969:* Feb., 182
Behavior, assessment, in hyperactivity, *1968:* Aug., 587, 588
development, adult influence on, *1969:* May, 380, 397, 461
education and, *1969:* May, **379–393**
in adolescence, *1969:* May, 388–390
in mentally retarded, *1968:* Nov., 970
reinforcement history, *1968:* Nov., 972
role of family, *1969:* May, 397–399
disruptive, vs. hyperactivity, *1968:* Aug., 582, 585
maternal, in pregnancy, *1970:* Nov., 1020–1025
modification, examples, *1968:* Nov., 978–983
problems, in adolescents, *1969:* May, 379
in mentally retarded, *1968:* Nov., 851, 959
analysis, *1968:* Nov., 975
operant conditioning for, *1968:* Nov., **969–987**
learning principles and, *1970:* May, **427–436**
sexual, education for, symposium on, *1969:* May, **327–525**. See also *Sex education.*
venereal disease and, *1969:* May, 342–345
healthy, *1969:* May, **329–332**
tests of, *1968:* Nov., 949
therapy, for developmental hyperactivity, *1968:* Aug., 593
Belladonna intoxication, signs of, *1970:* Aug., 480
Benzodiazepines, obstetric use, effect on fetus, *1970:* Nov., 845
Benzylpenicillin. See *Penicillin G.*
Beta adrenergic function, asthmatic hyperresponse and, *1969:* Feb., 154–157
Bicarbonate. See *Sodium bicarbonate.*
Bilirubin, in amniotic fluid, fetal maturity and, *1970:* Feb., 54
Birth weight, gestational age and, *1970:* Feb., 129–140
placental weight and, *1970:* Feb., 6
Bismuth poisoning, test for, *1970:* Aug., 518
Bladder. See also *Urinary tract.*
neck, obstruction, diagnosis and treatment of, *1970:* May, 242

Bladder *(Continued)*
neurogenic, diagnosis and treatment, *1970:* May, 245–247
Blastomycosis, amphotericin B for, *1970:* May, **437–447**
antibiotics for, *1968:* Feb., 238
Bleaches, toxicity of, *1970:* Aug., 577, 587
Bleeding. See *Hemorrhage.*
Blindness, due to retrolental fibroplasia, *1970:* May, 309
in poisoning, *1970:* Aug., 488
Blood, cells. See *Erythrocytes; Leukocytes.*
circulation. See also *Arteries; Veins.*
maternal-fetal, transfer of drugs in, *1970:* Nov., 835–850
coagulation, abnormal, in surgical patient, *1969:* Aug., 689
disorders of, complicating surgery, *1969:* Aug., 682
in newborns, *1970:* Nov., **929–942**
disseminated intravascular, bleeding and, *1968:* May, 485–487
heparin and, *1968:* May, 486; *1970:* Nov., 936
in newborns, *1970:* Nov., 934
factor deficiencies, *1970:* Nov., 933
hyaline membrane disease and, *1970:* Nov., 949
normal physiology, in fetus and newborn, *1970:* Nov., 929–932
components, therapy with, *1969:* Aug., 594
disorders of, infection and, antibiotic prophylaxis, *1968:* Feb., 270
recent advances in therapy for, *1968:* May, **473–492**
gases, analysis, umbilical artery catheterization and, *1970:* Nov., 902
in respiratory disorders, *1969:* Feb., 168–171
in shock, *1969:* Aug., 628
in status asthmaticus, *1969:* Feb., 19
maternal-fetal exchange, pathologic alterations in, *1970:* Nov., 818–828
placental surface area and, *1970:* Nov., 824
transplacental diffusion of, *1970:* Nov., 811–827
glucose, determinations, in fetal malnutrition infants, *1970:* Feb., 177
loss. See *Hemorrhage.*
oxygenation, monitoring in newborns, *1970:* Nov., 800
pH, in shock, *1969:* Aug., 628
umbilical artery catheterization and, *1970:* Nov., 902
plasma. See *Plasma.*
platelets, disorders of, complicating surgery, *1969:* Aug., 683
in transfusion, *1968:* May, 481–484; *1969:* Aug., 595
number of, surgery and, *1969:* Aug., 685
pressure. See also *Hypertension.*
arterial, in infants, *1969:* Aug., 638
central venous, in infants, *1969:* Aug., 637
in shock, *1969:* Aug., 625
in sedative overdosage, *1970:* Aug., 619
in shock, *1969:* Aug., 626
Blood *(Continued)*
pressure, intravascular, measurement, umbilical artery catheterization and *1970:* Nov., 903
maternal-fetal gas exchange and, *1970:* Nov., 818
monitoring, in infants, *1969:* Aug., **637–642**
in newborns, *1970:* Nov., 797
shunts, left-to-right, medical management of, *1968:* May, 351
surgical correction of, *1968:* May, 349
sugar. See *Diabetes mellitus; Insulin.*
transfusion. See *Transfusion.*
vessels. See also *Aorta; Arteries; Cardiovascular system; Veins.*
great, transposition of, *1968:* May, 345; *1970:* Nov., 974
umbilical. See *Umbilical artery; Umbilical vein.*
volume, in shock, *1969:* Aug., 627
Bloom's syndrome, intrauterine growth retardation in, *1970:* Feb., 107
Body fluids, altered odor of, in poisoning, *1970:* Aug., 492
Bones. See also *Cranium; Spine;* and specific bones.
infections, erythromycin for, *1968:* Feb., 126
retarded age of, mental retardation and, *1968:* Nov., 840
tuberculosis of, antibiotics for, *1968:* Feb., 222
Bordetella pertussis infections, erythromycin for, *1968:* Feb., 121
Bowel. See *Intestines.*
Bradycardia, in poisoning, *1970:* Aug., 494
Bradykinin, *1969:* Feb., 99
in hyaline membrane disease, *1970:* Nov., 953
Brain. See also *Cranium; Head; Nervous system.*
anatomy of, cerebral dominance and, *1968:* Aug., 761–762
electroencephalography. See *Electroencephalography.*
growth, heat production and, *1970:* Feb., 149
prenatal nutrition and, *1970:* Feb., 10, 76
injuries to, cerebral dominance and, *1968:* Aug., 760
delayed speech and, *1968:* Aug., 633
lesions in, parietal, dysgraphia and, *1968:* Aug., 643
Gerstmann syndrome and, *1968:* Aug., 771
Breast feeding, allergy and, *1970:* Feb., 219
colic in, *1970:* Feb., 220
contraception and, *1970:* Feb., 220
drugs and, *1970:* Feb., 219
infection in, *1970:* Feb., 220
jaundice due to, *1970:* Feb., 218
"let-down" in, *1970:* Feb., 213
management of, *1970:* Feb., **203–225**
massage and manual expression, *1970:* Feb., 208
nipple care, *1970:* Feb., 207

Breast feeding *(Continued)*
milk tension in, *1970:* Feb., 211
prelacteal formulas and, *1970:* Feb., 216
sore nipples in, *1970:* Feb., 217
Breasts, anatomy and function, in lactation, *1970:* Feb., 205
budding, *1969:* May, 402, 412
infection of, lactation and, *1970:* Feb., 220
massage and manual expression, in lactation, *1970:* Feb., 208
Breath, odor of, in poisoning, *1970:* Aug., 492
Breathing. See also *Respiration.*
difficult, in poisoning, *1970:* Aug., 493
exercises, for asthmatic children, *1969:* Feb., **31–42**
intermittent positive pressure, for status asthmaticus, *1969:* Feb., 22
Breathing bags, *1970:* Nov., 804
Breathing capacity, maximum, *1969:* Feb., 163
British anti-lewisite (BAL), in heavy metal poisoning, *1970:* Aug., 592–597, 603
Broadbent test, in cerebral dominance, *1968:* Aug., 765
Bromides, intoxication by, *1970:* Aug., 480
test for, *1970:* Aug., 523
Bronchial asthma. See *Asthma.*
Bronchial challenge testing, inhalation, in asthmatic patients, *1969:* Feb., **85–94**
Bronchial infections, Hemophilus influenzae in, *1970:* May, 419
Bronchiolitis, antibiotics for, *1968:* Feb., 206
vs. asthma, *1969:* Feb., **55–66**
Bronchodilators, for asthma, *1969:* Feb., 17
Bronchoscopy, in treatment of asthma, *1969:* Feb., 19
Bronkephrine. See *Ethylnorepinephrine.*
Brucella infections, erythromycin for, *1968:* Feb., 121
Burns, fluid and electrolyte therapy in, *1969:* Aug., 588
infection of, antibiotic prophylaxis, *1968:* Feb., 270
sulfonamides for, *1968:* Feb., 96, 99
treatment of, *1969:* Aug., 744–746
transportation of child with, *1969:* Aug., 569

CADMIUM poisoning, *1970:* Aug., 611
CaEDTA, for heavy metal poisoning, *1970:* Aug., 592–597, 603–605
Café-au-lait spots, as sign of neurofibromatosis, *1968:* May, 391
Calcium, deficiency, *1969:* Aug., 586
requirements, for parenteral nutrition, *1970:* May, 376
in newborns, *1970:* Nov., 864
Cancer. See *Carcinoma; Tumors;* and under organs and regions.
Candida infections, antibiotics for, *1968:* Feb., 107
Candidiasis, cutaneous, amphotericin B for, *1968:* Feb., 112
nystatin for, *1968:* Feb., 116
oral, nystatin for, *1968:* Feb., 116
systemic, amphotericin B for, *1968:* Feb., 112
Carbenicillin, activity, *1968:* Feb., 18
therapeutic uses, *1968:* Feb., 20, 23
Carbohydrate metabolism, ophthalmic disturbances and, *1968:* May, 339
Carbon dioxide. See *Metabolism; Respiration; Sodium bicarbonate.*
Carbon monoxide poisoning, test for, *1970:* Aug., 518
Carcinoma. See also *Tumors;* and under organs and regions.
of cervix, contraception and, *1969:* May, 358
Cardiac. See also *Heart.*
Cardiac arrest, epinephrine for, *1969:* Aug., 666
in infants and children, *1969:* Aug., **661–669**
Cardiac complications of Hemophilus influenzae infection, *1970:* May, 418
Cardiac massage, in cardiac arrest, *1969:* Aug., 663
Cardiology. See also *Heart.*
recent advances in, *1968:* May, **345–356**
Cardiovascular system. See also *Arteries; Blood vessels; Heart; Veins.*
effect of poisons on, *1970:* Aug., 494
in asthma, *1969:* Feb., 13
malformations, surgical correction of, *1968:* May, 346
Caries, *1968:* May, 329–331
Carriers, heterozygous, detection of, *1968:* Nov., 892
Catecholamines, as mediators of allergic reactions, *1969:* Feb., 103–104
plasma, hyaline membrane disease and, *1970:* Nov., 951
Catheterization, of umbilical vessels, *1970:* Nov., **895–912**
Catheters, umbilical vessel, *1970:* Nov., 895
Cathomycin. See *Novobiocin.*
Celiac syndrome, allergy and, *1969:* Feb., 212
Cells, blood. See *Erythrocytes; Leukocytes.*
Cellulitis, due to Hemophilus influenzae, *1970:* May, 418
lincomycin for, *1968:* Feb., 136
Central language imbalance, *1968:* Aug., **705–720**. See also *Cluttering.*
Central nervous system. See under *Nervous system.*
Central venous pressure. See under *Blood, pressure.*
Cephalosporins, *1968:* Feb., **31–42**
Cephalothin (Keflin), clinical pharmacology, *1968:* Feb., 32
dosage, and routes of administration, *1968:* Feb., 284
for staphylococcal infections, *1968:* Feb., 172
for surgical infections, *1969:* Aug., 755
for tonsillopharyngitis, *1968:* Feb., 205
mechanism of action, *1968:* Feb., 4, 5
preparation procedure, *1968:* Feb., 276
renal dysfunction and, *1968:* Feb., 34
therapeutic uses, *1968:* Feb., 34
in newborn, *1968:* Feb., 162
toxicity and side effects, *1968:* Feb., 39

Ceramic containers, lead-glazed, poisoning due to, *1970:* Aug., 599
Cerebral. See also *Brain.*
damage, minimal, *1968:* Aug., **779–801.** See also *Minimal cerebral damage syndrome.*
dominance. See *Dominance, cerebral.*
palsy. See *Paralysis, cerebral.*
Cerebrum. See *Brain.*
Chancroid, sulfonamides for, *1968:* Feb., 96
Charcoal, activated. See *Activated charcoal.*
Chelating agents, adverse side effects of, *1970:* Aug., 593
in treatment of heavy metal poisoning, *1970:* Aug., 592–597, 603–605
Chemicals, allergy to, *1969:* Feb., 45
as mediators of asthmatic hyperresponse, *1969:* Feb., 151
Chemotherapy. See specific agents.
Chest, deformities, in asthma, correction of, *1969:* Feb., 33
pain, poisoning and, *1970:* Aug., 493
Chickenpox vaccine, *1968:* May, 464
Child Health Associates, *1969:* Nov., 931
Children. See also *Infants; Newborn; Premature infants.*
American, overseas, medical problems of, *1970:* May, **255–272**
and Youth Programs, *1969:* Nov., 892
concept of death in, *1970:* Aug., 705
poisoning in, prevention of, *1970:* Aug., **713–727**
psychiatric implications of, *1970:* Aug., **653–685**
symposium on, *1970:* Aug., **471–753**
psychopathology, poisoning and, *1970:* Aug., 678
suicide in, *1970:* Aug., **687–696**
Chloral hydrate, for bronchial asthma, *1968:* May, 375
Chloramphenicol (Chloromycetin), *1968:* Feb., **57–72**
absorption and excretion, *1968:* Feb., 59
blood levels, *1968:* Feb., 58
dosage and routes of administration, *1968:* Feb., 284
for Hemophilus influenzae infections, *1970:* May, 423
for surgical infections, *1969:* Aug., 755
for urinary tract infections, *1968:* Feb., 256
mechanism of action, *1968:* Feb., 4, 61
preparation procedure, *1968:* Feb., 276
preparations and dosage, *1968:* Feb., 58
resistance, *1968:* Feb., 61
toxicity, *1968:* Feb., 62
uses, *1968:* Feb., 65
in newborn, *1968:* Feb., 158
Chlorates, poisoning by, test for, *1970:* Aug., 522
Chlordiazepoxide, intoxication by, signs of, *1970:* Aug., 480
obstetric use, effect on fetus, *1970:* Nov., 845
Chloromycetin. See *Chloramphenicol.*
Chloroquine, for malaria, *1970:* May, 267
toxic effects, ophthalmic, *1968:* May, 342
Chlorpromazine (Thorazine), for hyperactivity, *1968:* Aug., 591
for shock, *1969:* Aug., 632
in pregnancy, effect on fetus, *1970:* Nov., 845
Chlorpropamide, in pregnancy, effect on fetus, *1970:* Nov., 847
Chlortetracycline. See *Tetracyclines.*
Cholesterol. See *Lipids.*
Cholinesterase, inhibition, in poisoning *1970:* Aug., 639
Chorionic somatomammotropin. See *Lactogen, human placental.*
Chromosomes. See also *Cytogenetics; Genes; Genetics; Heredity.*
aberrations, roentgen manifestations of, *1968:* May, 409–422
abnormalities and malformations, *1968:* May, 493–498
intrauterine growth retardation and, *1970:* Feb., **101–109**
mental retardation and, *1968:* Nov., **871–888**
absence, *1968:* Nov., 879
analysis, in mental retardation, *1968:* Nov., 841
inactivation of, *1968:* May, 496
monosomy, *1968:* May, 495, 496
ring, *1968:* Nov., 878
sex, abnormalities and malformations, *1968:* Nov., 879–882
intrauterine growth retardation in, *1970:* Feb., 106
trisomy, incidence, *1968:* Nov., 929
mental retardation and, *1968:* Nov., 871–877
roentgen manifestations of, *1968:* May, 410, 413, 414
Cinecystourethrography in urinary tract infections, *1970:* May, 238
Cirrhosis, hepatic, decompensated, antibiotics for, *1968:* Feb., 80
Cleaning fluids, intoxication by, *1970:* Aug., 482
toxicity of, *1970:* Aug., 577, 587
Clinical advances, recent (symposium), *1970:* May, **233–465**
Clostridium infections, erythromycin for, *1968:* Feb., 121
Clostridium perfringens bacteremia, diagnosis, *1968:* Feb., 150
Clotting. See *Blood, coagulation.*
Cloxacillin. See also *Penicillin, semisynthetic.*
activity, *1968:* Feb., 18
for bronchiolitis, *1968:* Feb., 206
for surgical infections, *1969:* Aug., 759
uses, *1968:* Feb., 20
Clubfoot, vs. metatarsus adductus, *1970:* May, 296
Clumsiness, causes of, *1968:* Aug., 577
developmental, *1968:* Aug., **601–610**
Cluttering, *1968:* Aug., **705–720**
dysgraphia and, *1968:* Aug., 644
vs. stuttering, *1968:* Aug., 613, 714–715
Coagulation. See *Blood,* coagulation.

Coarctation of aorta, in newborn, *1970:* Nov., 972
Cocaine, intoxication by, *1970:* Aug., 486
Coccidioidomycosis, amphotericin B for, *1968:* Feb., 111
antibiotics for, *1968:* Feb., 238
Cold. See also *Temperature.*
clinical consequences of, in small-for-date infants, *1970:* Feb., 155
physiologic responses to, in newborn, *1970:* Feb., 147
in small-for-date infants, *1970:* Feb., 152–155
Cold stress, metabolism and, *1970:* Nov., 867
Colic, in breast feeding, *1970:* Feb., 220
Colistimethate (Colistin), *1968:* Feb., 85–94
absorption and excretion, *1968:* Feb., 86
dosage and routes of administration, *1968:* Feb., 88, 283, 284
for gastrointestinal infections, *1968:* Feb., 230
for salmonella gastroenteritis, *1968:* Feb., 235
for shigellosis, *1968:* Feb., 232
for surgical infections, *1969:* Aug., 760
mechanism of action, *1968:* Feb., 4, 5
preparation procedure, *1968:* Feb., 276
toxicity, *1968:* Feb., 87
uses, *1968:* Feb., 86
Colistin. See *Colistimethate.*
Colitis, ulcerative. See *Ulcerative colitis.*
Colon. See also *Gastrointestinal tract; Intestines.*
atresia, roentgen examination, *1970:* Nov., 994
roentgen examination, *1970:* Nov., 990
surgery of, preoperative preparation, *1969:* Aug., 741–742
Coly-Mycin. See *Colistimethate.*
Coma, clinical classification of, *1970:* Aug., 558
poisoning and, *1970:* Aug., 491, 516
Communicable disease. See *Epidemiology; Infection;* and specific diseases.
Congestive heart failure. See under *Heart.*
Conjunctivitis, Hemophilus influenzae in, *1970:* May, 419
Contact dermatitis, *1969:* Feb., 205, 206, 229
Contactant allergens. See *Allergens.*
Contraception, breast feeding and, *1970:* Feb., 220
for adolescents, *1969:* May, **355–361**
risks, *1969:* May, 357–360
Contraceptives, accidental ingestion of, *1970:* Aug., 588
Convulsions. See also *Epilepsy.*
intrauterine, familial, *1968:* May, 500
poisoning and, *1970:* Aug., 491, 516
Copper poisoning, *1970:* Aug., 613
chelating agents for, *1970:* Aug., 594
Copper sulfate, in poison therapy, comparative value of, *1970:* Aug., 529
Cor pulmonale, in childhood asthma, *1969:* Feb., 19
Corticosteroids, for asthma, *1968:* May, 372; *1969:* Feb., 4, 18, 75, 300
for fetal malnutrition infants, *1970:* Feb., 179
for maternal hyperadrenocorticism, effect on fetus, *1970:* May, 280
for shock, *1969:* Aug., 633
for tuberculosis, *1968:* Feb., 217
in management of atopic children, *1969:* Feb., **287–304**
in pregnancy, effect on newborn, *1970:* Nov., 1011
in newborns, *1970:* Nov., **1003–1013**
Corticotropin (ACTH; Cortrophin), for asthma, *1968:* May, 373; *1969:* Feb., 18
in management of atopic children, *1969:* Feb., **287–304**
maternal and fetal, *1970:* May, 279
Cortisol. See *Hydrocortisone.*
Cortisone. See *Corticosteroids.*
Corynebacterium infections, erythromycin for, *1968:* Feb., 121
Cosmetics, poisoning by, treatment of, *1970:* Aug., 572
toxicity of, *1970:* Aug., 572, 587
Cough. See also *Pertussis.*
syrup, intoxication by, *1970:* Aug., 480
Counseling, genetic, *1970:* Nov., 1048–1052. See also *Genetics; Heredity.*
sexual and marriage, *1969:* May, **447–458; 459–470**
Cranial nerves, nuclear agenesis in, dysarthria and, *1968:* Aug., 620
Cranium. See also *Brain; Head.*
roentgen examination, in mental retardation, *1968:* Nov., 840
Creatinine, in amniotic fluid, fetal maturity and, *1970:* Feb., 59
Cretinism, maternal and fetal hormones and, *1970:* May, 275
Cri-du-chat syndrome, chromosome disorder in, *1968:* Nov., 877
intrauterine growth retardation in, *1970:* Feb., 106
roentgen manifestations of, *1968:* May, 416
Crying, excessive, reinforcement therapy for, *1970:* May, 430
Cryptococcosis, amphotericin B for, *1968:* Feb., 112
Cutaneous. See *Skin.*
Cyanide poisoning, metabolic factors in, *1970:* Aug., 503
Cyanosis, in newborn, *1970:* Nov., 974, 979
Cyclamycin. See *Oleandomycin.*
Cycloserine, dosage and routes of administration, *1968:* Feb., 284
for tuberculosis, *1968:* Feb., 217
mechanism of action, *1968:* Feb., 4, 5
Cystathioninuria, *1968:* May, 501
Cystic fibrosis, erythromycin for, *1968:* Feb., 125
infection and, antibiotic prophylaxis, *1968:* Feb., 270
Cystine supplement, low-methionine diet with, for homocystinuria, *1970:* May, 325
Cystinosis, *1968:* May, 339

Cystourethritis, diagnosis of, *1970:* May, 248
Cystourethrography, voiding, in bladder neck obstruction, *1970:* May, 242
in posterior urethral valves, *1970:* May, 240
in triad syndrome, *1970:* May, 248
in urinary tract infections, *1970:* May, 235–238
Cytogenetics. See also *Chromosomes; Genetics.*
clinical advances in, *1968:* May, **493–512**
Cytomegaloviruses, *1968:* May, 464
intrauterine growth retardation and, *1970:* Feb., 123

"D" syndrome, roentgen manifestations of, *1968:* May, 413
Danders, allergy to, *1969:* Feb., 44
injection therapy and, *1969:* Feb., 247
Deafness. See also *Hearing.*
effects on development, *1970:* May, 349
high-tone, *1968:* Aug., **677–690**
management of, *1970:* May, **347–362**
Death, concept of, in children, *1970:* Aug., 705
perinatal, neonatal intensive care units and, *1970:* Nov., 763
Declomycin. See *Tetracyclines.*
Defibrillation, *1969:* Aug., 665
Deformities. See *Abnormalities and deformities.*
Dehiscence, of surgical wounds, *1969:* Aug., 699
Dehydration, poisoning and, *1970:* Aug., 491
Delirium, poisoning and, *1970:* Aug., 491
Deltasone, Deltra. See *Prednisone.*
Dementia, dysgraphia and, *1968:* Aug., 646
Demethylchlortetracycline. See *Tetracyclines.*
Denis Browne splints for flatfeet, *1970:* May, 301
Dental care, recent advances in, *1968:* May, **325–336**. See also *Teeth.*
Deodorizers, toxicity of, *1970:* Aug., 578, 587
Deoxystreptamines, *1968:* Feb., **73–83**
Depressants, intoxication by, *1970:* Aug., **557–567**
Depression, neonatal, definition of, *1970:* Nov., 839
drug-induced, *1970:* Nov., 835–850
Dermal. See *Skin.*
Dermatitis, atopic. See *Eczema, allergic.*
contact, *1969:* Feb., 205–206, 229
diaper, candidal, nystatin for, *1968:* Feb., 116
seborrheic, *1969:* Feb., 202–205
Dermatitis herpetiformis, sulfonamides for, *1968:* Feb., 96, 99
Dermatophytes, infections, antibiotics for, *1968:* Feb., 107
griseofulvin for, *1968:* Feb., 114
Dermatoses, allergic, *1969:* Feb., **193–208**
Desferrioxamine, for heavy metal poisoning, *1970:* Aug., 592–597
Detergents, toxicity of, *1970:* Aug., 577, 587
Development. See also *Growth.*
behavioral, education and, *1969:* May, **379–393**
in adolescence, *1969:* May, 388–390
role of family, *1969:* May, 380, 397, 461
language and motor, disorders of, symposium on, *1968:* Aug., **565–801**
milestones in, *1968:* Nov., 953
mental retardation and, *1968:* Nov., 845
motor. See *Motor development.*
retarded, mental retardation and, *1968:* Nov., 836
sexual, emotional aspects, *1969:* May, **415–428**
"latency" period, sex education during, *1969:* May, 456
parents' role in, *1969:* May, 472, 476
Dexedrine. See *Amphetamine.*
Dextran, for shock, *1969:* Aug., 632
in transfusion, *1969:* Aug., 597
Dextroamphetamine, for hyperactivity, *1968:* Aug., 591
for minimal cerebral damage syndrome, *1968:* Aug., 795
Diabetes mellitus, presenting postoperatively, *1969:* Aug., 678
surgery in child with, *1969:* Aug., **671–679**
Dialysis, for drug intoxication and poisoning, effectiveness and limitations, *1970:* Aug., 500, 505, 563, 624
Diarrhea. See also *Dysentery.*
deoxystreptamines and, *1968:* Feb., 78, 80
poisoning and, *1970:* Aug., 491
Salmonella, cephalothin for, *1968:* Feb., 38
Diazepam, obstetric use, effect on fetus, *1970:* Nov., 845
Dicloxacillin, uses, *1968:* Feb., 20
Diet. See also *Food; Nutrition.*
for homocystinuria, *1970:* May, 325
for maple syrup urine disease, *1970:* May, 328
tests, in food allergy, *1969:* Feb., 222
Diethyltryptamine (DET) intoxication, *1970:* Aug., 484
Differential charging, in pediatric practice, *1969:* Nov., **865–874**
Diffusing capacity, of lung, *1969:* Feb., 166
Digestive system. See *Gastrointestinal tract; Intestines; Stomach.*
Dimethyltryptamine (DMT) intoxication, *1970:* Aug., 484
Dimocillin-RT. See *Methicillin.*
Diphtheria, erythromycin for, *1968:* Feb., 125
lincomycin for, *1968:* Feb., 136
Diplococcus infections, lincomycin for, *1968:* Feb., 136
Discrimination, auditory, *1968:* Aug., **721–727**
right-left, *1968:* Aug., **747–758**. See also *Right-left discrimination.*
in Gerstmann syndrome, *1968:* Aug., 771
Disinfectants, toxicity of, *1970:* Aug., 578, 587
Dislocations. See under names of joints.

Disseminated intravascular coagulation. See under *Blood, coagulation.*
Distention, abdominal, postsurgical, *1969:* Aug., 695
Distress, respiratory. See *Respiratory distress.*
Diuresis, forced, for poisoning, *1970:* Aug., 504, 561–563
osmotic, for sedative overdosage, *1970:* Aug., 622
Doctors. See *Physician.*
Dominance, cerebral, *1968:* Aug., **759–769**
anatomic bases of, *1968:* Aug., 761–762
determinants of, *1968:* Aug., 760–761
developmental clumsiness and, *1968:* Aug., 607, 608
disturbances of, *1968:* Aug., 766–767
dysacusis and, *1968:* Aug., 734
incomplete, developmental dyslexia and, *1968:* Aug., 675
manifestations of, *1968:* Aug., 762–765
tests for, *1968:* Aug., 765–766
Dopamine for muscle tone disturbances, *1970:* May, 331
Down's syndrome, *1968:* May, 388–389
chromosome disorder in, *1968:* Nov., 871
growth retardation in, *1970:* Feb., 102
5-hydroxytryptophan for, *1970:* May, 330
in small-for-date infants, *1970:* Feb., 133, 137
incidence, *1968:* Nov., 928
intelligence quotient and, *1968:* Nov., 929
recurrence risk in later children, *1968:* Nov., 917
roentgen manifestations of, *1968:* May, 410
Drainage, obstructed, antimicrobial therapy and, *1968:* Feb., 7
Drive-in pediatrics office, *1969:* Nov., **983–987**
Drugs. See also names of drugs.
allergy and, *1969:* Feb., 45, 314
antihypertensive, in pregnancy, effects on fetus, *1970:* Nov., 844
breast feeding and, *1970:* Feb., 219
hallucinogenic, intoxication by, *1970:* Aug., 484
in pregnancy, effects on fetus, *1970:* Nov., 835–850
intoxication, age and, *1970:* Aug., 704
dialysis in, effectiveness and limitations, *1970:* Aug., 500, 505, 563, 624
forced diuresis for, *1970:* Aug., 504
peritoneal dialysis for, *1970:* Aug., 563
psychosis and, *1970:* Aug., 480–483
psychoactive, poisoning by, *1970:* Aug., **557–567**
resistance to, episomal, *1968:* Feb., 15
genotypic, *1968:* Feb., 8
retinotoxic, *1970:* Aug., 488
Duodenum, atresia, roentgen examination, *1970:* Nov., 985
stenosis, roentgen examination, *1970:* Nov., 986
Dust, house, allergy and, *1969:* Feb., 43
bronchial challenge tests and, *1969:* Feb., 89
Dyphylline (Neothylline), for bronchial asthma, *1968:* May, 372
Dysacusis, *1968:* Aug., **729–745**
central, *1968:* Aug., 731–742
symptoms of, *1968:* Aug., 732
vs. high-frequency hearing loss, *1968:* Aug., 742–744
cerebral dominance and, *1968:* Aug., 734
congenital, *1968:* Aug., **677–690.** See also *Hearing loss, high-frequency.*
tests for, *1968:* Aug., 734, 735
Dysarthria, *1968:* Aug., 615. See also *Speech, disorders.*
causes of, *1968:* Aug., 616
neurologic, *1968:* Aug., 620
cerebral palsy and, *1968:* Aug., 616
diagnosis of, *1968:* Aug., 616
Dyscalculia, developmental, *1968:* Aug., **651–668**
in Gerstmann syndrome, *1968:* Aug., 771
Dysentery. See also *Diarrhea.*
bacillary, antibiotics for, *1968:* Feb., 231–233
Shigella, antibiotics for, *1968:* Feb., 80
Dysfluency, *1968:* Aug., 691–704. See also *Stuttering.*
environmental pressure and, *1968:* Aug., 696–700
normal, *1968:* Aug., 693–696
vs. stuttering, *1968:* Aug., 692
Dysgammaglobulinemia, allergy and, *1969:* Feb., 4
Dysgraphia, *1968:* Aug., **639–650**
dementia and, *1968:* Aug., 646
Gerstmann syndrome and, *1968:* Aug., 771
psychosis and, *1968:* Aug., 646
schizophrenia and, *1968:* Aug., 647
speech disorders and, *1968:* Aug., 644
Dyskinesia, lingual-buccal, 5-hydroxytryptamine for, *1970:* May, 331
Dyslalia, *1968:* Aug., 624
dysgraphia and, *1968:* Aug., 644
Dysleptic drugs, intoxication by, *1970:* Aug., **557–567**
Dyslexia, developmental, *1968:* Aug., **669–676**
cerebral dominance and, *1968:* Aug., 767
disturbed vision and, *1968:* Aug., 672–673
dysgraphia in, *1968:* Aug., 644
incomplete cerebral dominance and, *1968:* Aug., 675
minimal cerebral damage syndrome and, *1968:* Aug., 787–789
psychological aspects, *1968:* Aug., 671–672
Dysphasia, developmental expressive and receptive, *1968:* Aug., 624. See also *Speech, disorders.*
Dysphonia, *1968:* Aug., 611
Dysplasia, bronchopulmonary, roentgen manifestations of, *1968:* May, 425
enamel, *1968:* May, 333
Dyspnea. See also *Asthma; Respiration.*
poisoning and, *1970:* Aug., 493
Dyspraxia, developmental articulatory, *1968:* Aug., 621

Dysrhythmia, speech, *1968:* Aug., 613. See also *Cluttering; Stuttering.*
Dystrophy, muscular, delayed motor development and, *1968:* Aug., 578

"E" syndrome, roentgen manifestations of, *1968:* May, 414
Ear. See also *Deafness; Hearing.*
infections, polymyxins for, *1968:* Feb., 90
Eaton agent. See *Mycoplasma pneumoniae.*
Eczema, allergic, *1969:* Feb., 194–202
eosinophilia and, *1969:* Feb., 135
food and, *1969:* Feb., 220
infection in, *1969:* Feb., 79–80
infantile, eosinophilia in, *1969:* Feb., 137
EDTA, in heavy metal poisoning, *1970:* Aug., 592–597
Education. See also *Development; Learning; School.*
for mentally retarded, *1968:* Nov., **1005–1016**
programs, *1968:* Nov., 1007–1015
for pediatric practice, *1969:* Nov., **793–808**
for sexual behavior, symposium on, *1969:* May, **327–525**. See also *Sex education.*
health, curriculum for children's needs, *1969:* May, 390–393
postgraduate, pediatric practice and, *1969:* Nov., 799
in medical centers, *1969:* Nov., **809–813**
remedial, for developmental hyperactivity, *1969:* Aug., 593
Effusion, subdural, postmeningitic, *1970:* May, 370
Electrocution hazard, in neonatal intensive care units, *1970:* Nov., 798
in umbilical vessel catheterization, *1970:* Nov., 910
Electroencephalography, in cluttering, *1968:* Aug., 711
in mental retardation, *1968:* Nov. 841
in minimal cerebral damage syndrome, *1968:* Aug., 792
Electrolytes. See under *Fluids* and specific electrolytes.
Embolism, umbilical vessel catheterization and, *1970:* Nov., 908
Emesis, in poisoning, *1970:* Aug., 498, 527–531
in sedative overdosage, *1970:* Aug., 620
Emetics, household products as, *1970:* Aug., 584
Emotional deprivation, delayed motor development and, *1968:* Aug., 578
delayed speech and, *1968:* Aug., 636
Emotional problems, suicide and, *1970:* Aug., 691
Empyema, Hemophilus influenzae, *1970:* May, 418
staphylococcal, antibiotics for, *1968:* Feb., **167–183**
Enamel dysplasia, *1968:* May, 333
Encephalopathy, lead, *1970:* Aug., 598, 606
Endocarditis, bacterial, diagnosis, *1968:* Feb., 150
erythromycin for, *1968:* Feb., 125
lincomycin for, *1968:* Feb., 136
Endocrine disturbances, in newborn, corticosteroids for, *1970:* Nov., **1003–1013**
Endocrine glands. See also under specific glands.
puberty and, *1969:* May, 400–402
Endocrine influences, on intrauterine growth, *1970:* Feb., **111–117**
Endodontics, *1968:* May, 330
Endoscopy, in posterior urethral valves, *1970:* May, 241
Endotracheal intubation, for status asthmaticus, *1969:* Feb., 22
prolonged, *1969:* Aug., 618
Enemas, in poison therapy, *1970:* Aug., 532
Enteric fever, *1968:* Feb., 233
Enteritis, candidal, antibiotics for, *1968:* Feb., 236
mycotic, antibiotics for, *1968:* Feb., 236–238
staphylococcal, antibiotics for, *1968:* Feb., 236
tuberculous, antibiotics for, *1968:* Feb., 223
Enterococcus infections, cephalothin for, *1968:* Feb., 36
erythromycin for, *1968:* Feb., 121
penicillin G-streptomycin for, *1968:* Feb., 73
Enterocolitis, staphylococcal, antibiotics for, *1968:* Feb., **167–183**
erythromycin for, *1968:* Feb., 125
Enteroviruses, vaccines, *1968:* May, 465
Environment, allergy and, *1969:* Feb., 229, 231
control of, in treatment of allergy, *1969:* Feb., **43–54**
in stuttering, *1968:* Aug., 613
manipulation of, for developmental hyperactivity, *1968:* Aug., 593
Enzymes. See also names of enzymes.
defects, C-21 hydroxylase, diagnosis, *1970:* Nov., 1004
in phenylketonuria, establishment of, *1968:* Nov., 889
deficient, anemia and, *1968:* May, 498–503
incidence, *1968:* Nov., 931
delayed maturation, phenylalanine levels and, *1968:* May, 320–321
in amniotic fluid, fetal maturity and, *1970:* Feb., 63
structural variations in, *1968:* May, 504–506
Eosinophilia, allergy and, *1969:* Feb., **125–148**
Eosinophilia dyspneica, *1969:* Feb., 129
Eosinophils. See *Leukocytes.*
EPEC. See *Escherichia coli infections.*
Ephedrine, for allergy, *1969:* Feb., 266, 317
for bronchial asthma, *1968:* May, 370
Epidemiology, uses of, *1968:* May, **387–394**
value in antibiotic therapy, *1968:* Feb., 142–146

Epidermals, in injection therapy for allergy, *1969:* Feb., 247
Epiglottitis, acute, antibiotics for, *1968:* Feb., 206
clinical importance of, *1970:* May, 417
Epinephrine, for allergy, *1969:* Feb., 261, 317
for asthma, *1968:* May, 365; *1969:* Feb., 17
in cardiac resuscitation, *1969:* Aug., 666
injection therapy for allergy and, *1969:* Feb., 261
Epithelium, animal, allergy and, *1969:* Feb., 44
Erysipelas, lincomycin for, *1968:* Feb., 136
Erythroblastosis fetalis, Rh isoimmunization and, *1968:* May, 473–477
Erythrocin. See *Erythromycin.*
Erythrocyte acid phosphatase, *1968:* May, 505
Erythrocyte adenylate kinase, *1968:* May, 505
Erythrocyte phosphoglucomutase, *1968:* May, 504
Erythrocytes, defects, hereditary, *1970:* May, 453
in transfusion, *1969:* Aug., 594
Erythroderma, atopic, eosinophilia and, *1969:* Feb., 135
Erythromycin, *1968:* Feb., 119–126
absorption, *1968:* Feb., 120
activity, *1968:* Feb., 119, 121
distribution and excretion, *1968:* Feb., 121
dosage and routes of administration, *1968:* Feb., 283, 285
for otitis media, *1968:* Feb., 201
for pneumococcal pneumonia, *1968:* Feb., 207
for sinusitis, *1968:* Feb., 203
for surgical infections, *1969:* Aug., 756
for tonsillopharyngitis, *1968:* Feb., 205
mechanism of action, *1968:* Feb., 4
preparation procedure, *1968:* Feb., 277
preparations, *1968:* Feb., 120
toxicity and side effects, *1968:* Feb., 122
uses, *1968:* Feb., 123
Escherichia coli infections, antibiotic prophylaxis, *1968:* Feb., 265
cephalothin for, *1968:* Feb., 37
chloramphenicol for, *1968:* Feb., 60
enteropathogenic, gastroenteritis from, *1969:* Aug., 720
gastrointestinal, antibiotics for, *1968:* Feb., 228–231
kanamycin for, *1968:* Feb., 76
neomycin for, *1968:* Feb., 76
of urinary tract, *1968:* Feb., 254
paromomycin for, *1968:* Feb., 76
penicillins for, in newborn, *1968:* Feb., 161
Esophagus, atresia, roentgen examination, *1970:* Nov., 984, 989, 992
Estriol excretion, effect on fetus, *1970:* Feb., 22
fetal weight and, *1970:* Feb., 45
in high-risk pregnancy, *1970:* Feb., **43–48**
prematurity and, *1970:* Feb., 46
Estrogens, adrenal synthesis of, *1968:* May, 399
maternal, intrauterine growth and, *1970:* Feb., 113
maternal and fetal, *1970:* May, 284
Ethambutol, for tuberculosis, *1968:* Feb., 217
Ethanol, for methanol poisoning, *1970:* Aug., 503
Ethanol poisoning, test for, *1970:* Aug., 520
Ethionamide, for tuberculosis, *1968:* Feb., 217
Ethylnorepinephrine (Bronkephrine), for bronchial asthma, *1968:* May, 368
Examination, physical. See *Physical examination.*
Excitability, in developmental hyperactivity, *1968:* Aug., 584
Exercise. See also *Physical fitness.*
asthmatic hyperresponse and, *1969:* Feb., 153–154
for asthmatic children, *1969:* Feb., **31–42**
Expectorants, for asthma, *1968:* May, 374; *1969:* Feb., 16
in long-range treatment of allergy, *1969:* Feb., 314
Expiratory flow rate, maximal, *1969:* Feb., 163
Expiratory volume, forced, *1969:* Feb., 162
Extracts, in injection therapy for allergy, *1969:* Feb., 257–259, 263
Eyedness, *1968:* Aug., 762. See also *Dominance, cerebral.*
Eyes, infection, *1968:* May, 341–342
polymyxins for, *1968:* Feb., 90
retrolental fibroplasia, *1968:* May, 342
tumors, *1968:* May, 343

FABRY's disease, *1968:* May, 340
Facial expression, altered, in poisoning, *1970:* Aug., 488
Facial twitching, in poisoning, *1970:* Aug., 488
"Fading purple" test, *1970:* Aug., 523
Family. See also *Children; Heredity; Infants.*
disturbances, poisoning and, *1970:* Aug., 676
preparation for child's surgery, *1969:* Aug., 546–550
support in child's serious illness or death, *1969:* Aug., **555–564**
Fanconi's anemia, intrauterine growth retardation in, *1970:* Feb., 107
Feathers, allergy to, *1969:* Feb., 44
injection therapy and, *1969:* Feb., 247
Feces, discolored, in poisoning, *1970:* Aug., 491
Federal Hazardous Substances Act., *1970:* Aug., 477
toxicity defined by, *1970:* Aug., 645
Feeding, breast, management of, *1970:* Feb., **203–225.** See also *Breast feeding.*
of low birth weight infant, *1970:* Feb., 15
prelacteal, *1970:* Feb., 216

Feet. See *Foot.*
Fels height standards, *1968:* May, 434
Femoral torsion, pigeon-toes due to, *1970:* May, 298
Ferrous sulfate poisoning, test for, *1970:* Aug., 522
Fetoplacental hemorrhage, *1970:* May, 405
Fetal distress during labor, *1970:* Nov., 828–832
Fetus. See also *Infants; Labor; Newborn; Pregnancy; Premature infants.*
anomalies of, maternal estriol and, *1970:* Feb., 22
blood chemistries, maternal medication and fluids and, *1970:* Nov., 827
blood coagulation in, physiology of, *1970:* Nov., 929–932
erythroblastosis, Rh isoimmunization and, *1968:* May, 473–477
growth of. See *Intrauterine growth.*
hyperadrenocorticism in, *1970:* May, 281
hyperthyroidism in, *1970:* May, 278
hypoadrenalism in, *1970:* May, 281
hypothyroidism in, *1970:* May, 275
malnutrition in. See *Infants, fetal malnutrition; Intrauterine malnutrition.*
maternal analgesics and, *1970:* Nov. 846
maternal barbiturates and, *1970:* Nov., 841
maternal hormones and, *1970:* May, **273–289**
maturity of, amniotic fluid studies and, *1970:* Feb., **49–67**
maturity, amniotic fluid protein and, *1970:* Feb., 56
respiratory distress, *1970:* Nov., 826, 828–832
weight of. placental anomalies and, *1970:* Feb., 41
FEV (forced expiratory volume), *1969:* Feb., 162
Fever. See *Hyperthermia; Temperature.*
rheumatic. See *Rheumatic fever.*
Fibrillation, ventricular, treatment, *1969:* Aug., 665
Fibrinogen level, abnormal, in surgical patient, *1969:* Aug., 685
Fibrinopeptides, in hyaline membrane disease, *1970:* Nov., 953
Fibrinosis, diffuse, of placenta, *1970:* Feb., 40
Fibroplasia, retrolental, *1968:* May, 342
resurgence of, *1970:* May, **309–322**
Fibrosis, cystic. See *Cystic fibrosis.*
Fick equation, *1970:* Nov., 811
Filariasis, in American children overseas, *1970:* May, 263
Financing, prepayment, in private practice, *1969:* Nov., **885–889**
third-party, *1969:* Nov., **901–907**
Fingers, naming of, disturbances in, *1968:* Aug., 771–774
Flatfeet and pigeon-toes, *1970:* May, **291–307**
Fleas, allergy and, *1969:* Feb., 182
Fletcher factor, in newborns, *1970:* Nov., 930
Flow rate, forced, in measurement of pulmonary function, *1969:* Feb., 162
Fluids, and electrolytes, postoperative regulation, *1969:* Aug., 587
requirements, growth and, *1970:* Nov., 871
in newborn, *1970:* Nov., 864, 879
therapy, in burns, *1969:* Aug., 588
in surgical patients, *1969:* Aug., **581–591**
replacement, *1969:* Aug., 583
body, altered odor in poisoning, *1970:* Aug., 492
daily requirements, *1969:* Aug., 582
therapy, for sedative overdosage, *1970:* Aug., 623
in infants, *1970:* Nov., 806
maintenance, in newborns, *1970:* Nov., 878–890
Fluoridation, caries prevention and, *1968:* May, 331
Folic acid therapy for homocystinuria, *1970:* May, 324
Food. See also *Diet; Nutrition.*
allergic eczema and, *1969:* Feb., 194
allergy to, after infancy, *1969:* Feb., **217–225**
in infants, *1969:* Feb., **211–216**
Foot, anatomy of, definitions, *1970:* May, 291
bones of, accessory, *1970:* May, 305
disorders of. See *Flatfeet and pigeon-toes.*
examination of, *1970:* May, 292
Footedness, *1968:* Aug., 762. See also *Dominance, cerebral.*
Forced expiratory volume, *1969:* Feb., 162
Foreign body, antimicrobial therapy and, *1968:* Feb., 7
Foreign travel, medical problems and, *1970:* May, **255–272**
transportation of child with, *1969:* Aug., 570
Fulvicin. See *Griseofulvin.*
Functional residual capacity, measurement of, *1969:* Feb., 162
Fungizone, See *Amphotericin B.*
Fungus infections, antibiotics for, *1968:* Feb., **107–118**
Furadantin. See *Nitrofurantoin.*
Furazolidone, *1968:* Feb., 102

GALACTOKINASE deficiency, hereditary, *1968:* May, 499
Gamma globulin, for bronchial asthma, *1969:* Feb., 76
for hepatitis, *1970:* May, 268
Gantrisin. See *Sulfisoxazole.*
Gases, blood. See under *Blood.*
Gasoline, intoxication by, *1970:* Aug., 482
Gastric. See *Stomach.*
Gastric lavage, in poisoning, *1970:* Aug., 497
in sedative overdosage, *1970:* Aug., 620
Gastroenteritis, from enteropathogenic Escherichia coli, *1969:* Aug., 720
salmonella, *1968:* Feb., 233

Gastrointestinal tract. See also under area involved.
food allergy and, *1969:* Feb., 220
hypersensitivity, eosinophilia and, *1969:* Feb., 137–138
infections, antibiotics for, *1968:* Feb., **227–242**
erythromycin for, *1968:* Feb., 125
hospital-associated, *1969:* Aug., 720
protozoan, antibiotics for, *1968:* Feb., 238–240
poisons and, *1970:* Aug., 491
absorption, *1970:* Aug., 496
elimination, *1970:* Aug., 526
removal of, *1970:* Aug., 497
surgery of, antibiotics and, *1968:* Feb., **243–249**
complications in, *1969:* Aug., 693–697
Gender identification, *1969:* May, 416
General practitioner, in child health care, *1969:* Nov., **945–946**
Genes. See also *Chromosomes; Heredity.*
heterozygous, detection of carriers of, *1968:* Nov., 892
Genetics. See also *Chromosomes; Cystogenetics; Heredity.*
adrenal hyperplasia and, *1968:* May, 395
and cytogenetics, new developments in, *1968:* May, **493–512**
counseling, *1970:* Nov., 1048–1053
mental retardation and, *1968:* Nov., **905–923**
diagnosis, in newborn, *1970:* Nov., **1039–1053**
in hemolytic disorders, *1970:* May, **449–465**
mental retardation and, counseling in, *1968:* Nov., **905–923**
ophthalmology and, *1968:* May, 338–340
Genitals, differentiation, genetics and, *1969:* May, 395–397
exploration, *1969:* May, 416
psychosexual maturation and, *1969:* May, 397
Genitourinary tract. See also *Urinary tract;* and under names of genitourinary organs.
poisons and, *1970:* Aug., 492
postoperative complications in, *1969:* Aug., 697–698
Genocopies, *1968:* Nov., 907.
Genotype. See *Heredity.*
Gentamycin, for gastrointestinal infections, *1968:* Feb., 230
for salmonella gastroenteritis, *1968:* Feb., 235
for shigellosis, *1968:* Feb., 233
Geotrichosis, antibiotics for, *1968:* Feb., 238
Gerstmann syndrome, developmental, *1968:* Aug., **771–778**
tests for, *1968:* Aug., 772–774
Gestation. See *Fetus; Intrauterine growth; Pregnancy.*
Gestational age, and development at birth, assessment of, *1970:* Feb., **125–145**
birth weight and, *1970:* Feb., 129–140
estimation of, *1970:* Feb., 125–128
fetal malnutrition and, *1970:* Feb., 170
Giardiasis, antibiotics for, *1968:* Feb., 240
Gingivitis, *1968:* May, 332
Glands. See specific glands.
Globulin, gamma. See *Gamma globulin.*
Globulins, in amniotic fluid, fetal maturity and, *1970:* Feb., 57
Glucocorticoids, adrenal synthesis, *1968:* May, 397
for adrenal hyperplasia, *1970:* Nov., 1006
Glucose, blood. See under *Blood.*
Glucose-6-phosphate dehydrogenase deficiency, tests for, *1970:* May, 456
Glue, sniffing, intoxication by, *1970:* Aug., 482
toxicity of, *1970:* Aug., 589
Glutethimide intoxication, *1970:* Aug., 480
laboratory analysis for, *1970:* Aug., 513
Goiter, congenital, maternal hormones and, *1970:* May, 278
Gold poisoning, *1970:* Aug., 613
chelating agents for, *1970:* Aug., 594
Gonadal hormones, intrauterine growth and, *1970:* Feb., 112
Gonads, dysgenesis, roentgen manifestations of, *1968:* May, 418
Gonococcus infections, antibiotic prophylaxis, *1968:* Feb., 264
Gonorrhea, diagnosis and treatment, *1969:* May, 338–340
incidence, *1969:* May, 335
Gramicidin, mechanism of action, *1968:* Feb., 4, 5
Gram-negative bacteria infections, chloramphenicol for, *1968:* Feb., 59, 60
erythromycin for, *1968:* Feb., 121
hospital-associated, *1969:* Aug., 706, 711
penicillins for, in newborn, *1968:* Feb., 161
Gram-positive bacteria infections, erythromycin for, *1968:* Feb., 121
Granulomatosis, allergic, eosinophilia and, *1969;* Feb., 131
Graves' disease, in newborn, *1970:* Nov., 1008
Gray baby syndrome, *1968:* Feb., 63
Grifulvin. See *Griseofulvin.*
Griseofulvin, *1968:* Feb., 112–115
absorption and excretion, *1968:* Feb., 113
activity, *1968:* Feb., 112
dosage and routes of administration, *1968:* Feb., 285
mechanism of action, *1968:* Feb., 4
resistance, *1968:* Feb., 113
toxicity, *1968:* Feb., 113
uses, *1968:* Feb., 114
Group practice, dangers of, *1969:* Nov., 939
subspecialty, *1969:* Nov., **963–969**
Growth. See also *Development.*
and development, birth weight and, *1970:* Feb., 129–140
of small-for-date infants, *1970:* Feb., **159–167**
thermoregulation and, *1970:* Feb., 156
peer group attitudes, *1969:* May 432–433
failure of, *1968:* May, **433–445**
fluid and electrolyte requirements and, *1970:* Nov., 871

Growth *(Continued)*
in adolescence, *1969:* May, 388–390
exogenous hormones and, *1969:* May, 407
intrauterine. See *Intrauterine growth.*
postnatal, of premature infant, *1970:* Feb., 140–144
skeletal, puberty and, *1969:* May, 410
termination of, *1969:* May, 402
Growth hormone, chorionic. See *Lactogen, human placental.*
Gums, discolored, in poisoning, *1970:* Aug., 516
Gynecomastia, drugs causing, *1970:* Aug., 494
in adolescent boys, *1969:* May, 409

HAGEMAN factor, in newborns, *1970:* Nov., 930
Hair, body and facial, puberty and, *1969:* May, 409, 412
Hallucinogens, intoxication by, *1970:* Aug., 484
Halogenated hydrocarbons, intoxication by, *1970:* Aug., 480
Handedness, *1968:* Aug., 762. See also *Dominance, cerebral.*
Handwriting, anomalies of, *1968:* Aug., **639–650.** See also *Dysgraphia.*
difficulties in, cluttering and, *1968:* Aug., 710
mirror. See *Mirror writing.*
Haptens, selection of, in skin testing, *1969:* Feb., 235
Hashish, intoxication, *1970:* Aug., 484
Hay fever. See *Rhinitis, allergic.*
HCS. See *Lactogen, human placental.*
Head. See also *Brain; Cranium.*
injuries to, transportation of child with, *1969:* Aug., 568
size and shape of, motor development and, *1968:* Aug., 571
Headache, poisoning and, *1970:* Aug., 491
Heaf multiple puncture test, in tuberculosis, *1968:* May, 523
Health care, allied health personnel in, *1969:* Nov., **921–927, 929–938**
American Academy of Pediatrics and, *1969:* Nov., **957–961**
changing patterns in, symposium on, *1969:* Nov., **771–1006**
crisis in, *1969:* Nov., **775–780**
federal government and, *1969:* Nov., **891–900**
financing, rational method for, *1969:* Nov., **835–863**
general practitioner and, *1969:* Nov., **945–946**
Kaiser-Permanente plan, *1969:* Nov., **875–883**
national program for, *1969:* Nov., **909–913**
preventive, *1969:* Nov., **947–955**
service and availability components, *1969:* Nov., **971–976**
Health insurance. See *Insurance.*
Hearing. See also *Auditory; Deafness; Ear.*
defective, in mentally retarded, *1968:* Nov., 850
discrimination of sounds in, *1968:* Aug., **721–727**
disorders of, delayed speech and, *1968:* Aug., 632
evaluation of, *1968:* Aug., 725, 742
impaired, drug intoxication and, *1970:* Aug., 491
streptomycin therapy and, *1968:* Feb., 74
use of, development of, *1970:* May, 348
Hearing aids, use of, *1970:* May, 357
Hearing loss. See also *Deafness.*
high-frequency, *1968:* Aug., **677–690**
vs. central dysacusis, *1968:* Aug., 742–744
standards for measuring, *1968:* Aug., 737
Heart. See also *Cardiac and Cardiovascular system.*
anomalies, surgical correction of, *1968:* May, 346
arrest. See *Cardiac arrest.*
disease, congenital, diagnosis and management, *1970:* Nov., **967–982**
with horseshoe kidney, *1968:* May, 390–391
infection and, antibiotic prophylaxis, *1968:* Feb., 266
failure, congestive, in newborn, causes of, *1970:* Nov., 971
left, hypoplastic, in newborn, *1970:* Nov., 971
malformations. See *Heart, anomalies.*
massage, in cardiac arrest, *1969:* Aug., 663
monitoring, in newborns, 796
output, in shock, *1969:* Aug., 627
right, hypoplastic, *1970:* Nov., 975
surgery, infection and, *1969:* Aug., 726
transplantation of, *1968:* May, 350
Heat. See also *Temperature.*
production and thermoregulation, in small-for-date infant, *1970:* Feb., **147–158**
Heavy metals, normal body fluid levels, *1970:* Aug., 592
poisoning by, *1970:* Aug., **591–615.** See also specific agents.
laboratory diagnosis of, *1970:* Aug., 518, 591
organ systems involved in, *1970:* Aug., 607
treatment of, *1970:* Aug., 592–597
Height, parent-specific standards, Fels, *1968:* May, 434
Heinz bodies in hemolytic disorders, *1970:* May, 459
Hematologic disorders, recent advances in therapy for, *1968:* May, **473–492**
Hematoma, in surgical wounds, *1969:* Aug., 698
subdural, *1970:* May, 364–370
Hemihypertrophy, congenital, *1968:* May, 391
Hemodialysis, for drug intoxication and poisoning, effectiveness and limitations, *1970:* Aug., 500, 505, 563, 624

Hemoglobin, abnormalities of, *1970:* May, 452
Hemolysis, drug-induced, *1970:* May, 453
Hemolytic disease of newborn, Rh isoimmunization and, *1968:* May, 473–477
Hemolytic disorders, genetic, progress in, *1970:* May, **449–465**
Hemophilia, clinical manifestations of, *1968:* May, 477
  detection of, *1968:* May, 478
    in newborns, *1970:* Nov., 933
  factor VIII concentrates for, *1968:* May, 478
  inhibitors in, *1968:* May, 480
  treatment for, *1968:* May, 477–481
Hemophilus influenzae, infections. See also *Respiratory tract, infections.*
    antibiotic prophylaxis, *1968:* Feb., 263
    chloramphenicol for, *1968:* Feb., 60
    clinical importance of, *1970:* May, **415–426**
    erythromycin for, *1968:* Feb., 121, 124
  meningitis, cephalothin for, *1968:* Feb., 38
Hemorrhage, acute, management, *1969:* Aug., 598
  in newborn, *1970:* Nov., 936
    clinical manifestations of, *1970:* May, 406–409
    during surgery, *1969:* Aug., **593–600**
    sites of, *1970:* May, 403–406
    treatment of, *1970:* May, 409–411
Hemorrhagic disorders, complicating surgery, *1969:* Aug., 681–691
  of newborn, *1970:* Nov., 933
Heparin, for asthma, *1969:* Feb., 19
  for disseminated intravascular coagulation, *1968:* May, 486; *1970:* Nov., 936
Hepatic. See *Liver.*
Hepatitis, in American children overseas, *1970:* May, 268
Heredity. See also *Carriers; Chromosomes; Genes; Genetics.*
  autosomal dominant, *1968:* Nov., 911
  autosomal recessive, *1968:* Nov., 909
  in cerebral dominance, *1968:* Aug., 760
  in cluttering, *1968:* Aug., 712
  in stuttering, *1968:* Aug., 613
  X-linked, *1968:* Nov., 914
Herpes simplex, ophthalmic complications of, *1968:* May, 341
  vaccine for, *1968:* May, 464
Herpes zoster, ophthalmic complications of, *1968:* May, 341
Hetacillin, uses, *1968:* Feb., 20
Hexachlorophene, accidental ingestion of, *1970:* Aug., 588
Hexokinase deficiency, *1968:* May, 500
HGH. See *Pituitary growth hormone.*
High-tone deafness, *1968:* Aug., **677–690**
Hindbrain. See *Brain.*
Hip, congenital dislocation of, Ortolani's test for, *1970:* May, 292
Hirschsprung's disease, roentgen examination, *1970:* Nov., 999
Histamine, as mediator of allergic reactions, *1969:* Feb., 95–99
Histamine(*Continued*)
  in hyaline membrane disease, *1970:* Nov., 953
Histidinemia, speech disorders and, *1968:* Aug., 636
Histoplasmosis, amphotericin B for, *1968:* Feb., 111
  antibiotics for, *1968:* Feb., 237
History, before surgery, *1969:* Aug., 573
Hives. See *Urticaria.*
Home safety, poisoning and, *1970:* Aug., 681
Homeostasis. See *Acid-base, balance.*
Homocystinuria, *1968:* May, 339, 501
  treatment of, *1970:* May, 323–326
Hormones. See also *Insulin;* and under specific hormones, organs, and glands.
  adrenocorticotropic. See *Corticotropin.*
  maternal and fetal, congenital goiter and, *1970:* May, 278
    relationships of, *1970:* May, **273–289**
  growth. See specific hormone.
  sex. See *Androgens; Estrogens.*
  therapy, in adolescence, *1969:* May, 407
Horseshoe kidney, with congenital heart disease, *1968:* May, 390–391
Hospital, care, by parents, *1969:* Aug., 540
  of neonates, *1970:* Nov., 1016. See also *Intensive care units, neonatal.*
  facilities and services, for surgical patients, *1969:* Aug., **531–542**
  infections associated with, *1969:* Aug., **701–734**
    air conditioning and, *1970:* Nov., 788
Hot water bottles, use for newborns, *1969:* Aug., 653
House dust, allergy to, *1969:* Feb., 43
  injection therapy and, *1969:* Feb., 246
Household products, emetic properties of, *1970:* Aug., 585
  safe packaging of, *1970:* Aug., **707–711**
  safety of, manufacturers' evaluation of, *1970:* Aug., **645–652**
  toxic potential of, *1970:* Aug., **569–581.** See also *Poisoning;* and specific substances.
HPL. See *Lactogen, human placental.*
Humatin. See *Paromycin.*
Humidification, for allergic eczema, *1969:* Feb., 201
  for asthma, *1969:* Feb., 267
  of oxygen for therapy, *1969:* Aug., 614
Humidity, allergy and, *1969:* Feb., 49
Hunter's disease (syndrome), *1968:* May, 340
Hurler's syndrome, *1968:* May, 339
Hyaline membrane disease, etiologic theories, *1970:* Nov., **943–965**
Hydration, for asthma, *1969:* Feb., 15
Hydrocarbons, halogenated, intoxication by, *1970:* Aug., 480
Hydrocephalus, vs. subdural hematoma, *1970:* May, 366
Hydrocortisone (cortisol), adrenal synthesis of, *1968:* May, 397
    abnormal, *1968:* May, 399
  maternal and fetal, *1970:* May, 279

Hydrops fetalis. See *Erythroblastosis fetalis.*
17-Hydroxycorticosterone. See *Hydrocortisone.*
Hydroxylase deficiency, *1970:* Nov., 1004
17α-Hydroxylase deficiency, *1968:* May, 402
3β-Hydroxysteroid dehydrogenase deficiency *1968:* May, 401; *1970:* Nov., 1005
5-Hydroxytryptamine. See *Serotonin.*
Hyoscine. See *Scopolamine.*
Hyperactivity, cluttering and, *1968:* Aug., 711
degree of, clinical classification of, *1970:* Aug., 559
developmental, *1968:* Aug., **581–599**
drug-induced, treatment of, *1970:* Aug., 559
minimal cerebral damage syndrome and, *1968:* Aug., 780
vs. disruptive behavior, *1968:* Aug., 582, 585
Hyperadrenocorticism, fetal, *1970:* May, 281
maternal, effect on fetus, *1970:* May, 280
Hyperalimentation, parenteral. See under *Parenteral nutrition.*
Hyperbaric oxygen, for resuscitation, *1968:* May, 352
Hyperbilirubinemia, due to breast feeding, *1970:* Feb., 218
Hypercapnia, in asthma, *1969:* Feb., 12
Hyperglycemia, surgery and, *1969:* Aug., 671
Hyperdermoclysis, in newborn, evaluation, *1970:* Nov., 886
Hyperkinesis, developmental, *1968:* Aug., **581–599**
mental retardation and, *1968:* Nov., 851
Hyperplasia, adrenal. See under *Adrenal glands.*
Hyperreactivity, bronchial, in asthmatic patients, *1968:* May, 359
Hyperresponsiveness, asthmatic, *1969:* Feb., **149–158**
Hypersensitivity. See also *Allergy.*
dermal, eosinophilia and, *1969:* Feb., 135–137
Hypersensitivity angiitis, eosinophilia and, *1969:* Feb., 133
Hypersensitivity pneumonitides, eosinophilia and, *1969:* Feb., 133
Hypertension. See also *Blood pressure.*
drug-induced, *1970:* Aug., 494
pulmonary, reversible, *1968:* May, 349
Hyperthermia, clinical signs, *1969:* Aug., 646
Hyperthyroidism, fetal, *1970:* May, 278
maternal, effect on fetus, *1970:* May, 276
Hypertonia, cerebral palsy and, *1968:* Aug., 574
delayed motor development and, *1968:* Aug., 574
Hyperuricemia, with mental retardation, *1968:* Nov., 890
Hypervalinemia, *1968:* May, 498
Hyperventilation, from assisted respiration, *1969:* Aug., 619
Hypnosis, in treatment of asthma, *1969:* Feb., 282
Hypoadrenalism, fetal, *1970:* May, 281
maternal, effect on fetus, *1970:* May, 281
Hypoaldosteronism, hereditary, *1970:* Nov., 1007
Hypoglycemia, in fetal malnutrition infants, *1970:* Feb., 177, 180
in small-for-date infants, *1970:* Feb., 138, 139
neonatal, *1970:* Nov., 1009
Hypokalemia, due to amphotericin B, *1970:* May, 441
Hyporhinophonia, cause of, *1968:* Aug., 618
Hyposensitization. See also *Injection therapy*
for insect allergies, *1969:* Feb., 188
Hypospadias, maternal estrogens and, *1970:* May, 285
meatal stenosis and, *1970:* May, 243
Hypotension. See also *Blood pressure.*
sedative-induced, *1970:* Aug., 619.
Hypothermia, clinical signs, *1969:* Aug., 645
during surgery, *1969:* Aug., 605
Hypothryroidism, early signs of, *1968:* May, 439
fetal, *1970:* May, 275
maternal, effect on fetus, *1970:* May, 274
Hypotonia, delayed motor development and, *1968:* Aug., 576
Hypoxia, in asthma, *1969:* Feb., 12

IGR. See *Intrauterine growth, retardation.*
Ileum, atresia, roentgen examination, *1970:* Nov., 991, 995, 996
Ileus. See *Intestines, obstruction.*
Ilosone. See *Erythromycin.*
Ilotycin. See *Erythromycin.*
Immune mechanism, allergy and, *1969:* Feb., 306–307
Immunization. See also *Vaccines.*
for mentally retarded, *1968:* Nov., 847
in allergic eczema, *1969:* Feb., 202
in allergy patients, *1969:* Feb., 76
in bronchial asthma, *1969:* Feb., 76
to insect stings, *1969:* Feb., 181–182
Immunoglobulins, allergic disease and, *1969:* Feb., **109–123**
in mucosal immunity to virus infection, *1970:* May, **385–400**
in small-for-date infants, *1970:* Feb., 119
Immunologic deficiency states, infection in, *1969:* Feb., 80
Inborn errors of metabolism, newer, *1968:* May, 498–503
Incubators, oxygen concentration in, *1970:* Nov., 804
Infants. See also *Newborn; Premature infants.*
allergy, food, *1969:* Feb., 211–216
fetal malnutrition, appearance of, *1970:* Feb., 174
laboratory findings, *1970:* Feb., 176
management of, *1970:* Feb., 178
neonatal course of, *1970:* Feb., 180
low birth weight, dietary requirements of, *1970:* Nov., **918–925**

Infants *(Continued)*
normal term, dietary requirements of, *1970:* Nov., **913-918**
small-for-date, symposium on, *1970:* Feb., **1-202.** See also *Intrauterine growth, retardation and Small-for-date infants.*
subdural fluid collections in, diagnosis and treatment of, *1970:* May, **363-372**
transportation of, *1969:* Aug., 571
vitamin and mineral requirements, *1970:* Nov., 922-925
Infarction, of placenta, *1970:* Feb., 40
Infection. See also under names of bacteria, diseases, organs, and regions.
complicating asthma, *1969:* Feb., 24
complicating parenteral nutrition, *1970:* May, 382
hospital-associated, *1969:* Aug., **701-734**
systemic, *1969:* Aug., 724
in allergic eczema, *1969:* Feb., 79
in allergic rhinitis, *1969:* Feb., 77
in allergy, role of, *1969:* Feb., **67-83**
in asthma, *1969:* Feb., 67-69
in collagen disorders, *1969:* Feb., 81
in newborn, manifestations, *1969:* Aug., 738-739
sources, *1969:* Aug., 737-738
steroids for, *1970:* Nov., 1010
in umbilical vessel catheterization, *1970:* Nov., 910
in urticaria, *1969:* Feb., 80
intrauterine growth retardation and, *1970:* Feb., **119-124**
of breast, lactation and, *1970:* Feb., 220
mode of onset and course, antibiotic therapy and, *1968:* Feb., 149-152
of burns, treatment of, *1969:* Aug., 744-746
of surgical wounds, *1969:* Aug., 699, 715
pathologic patterns, *1969:* Aug., 735-737
postoperative, *1969:* Aug., 754-764
surgery and, *1969:* Aug., **735-766**
surgical, antibiotics for, *1969:* Aug., 755-761
virus. See *Virus infections.*
Influenza, hospital-associated, *1969:* Aug., 719
Inhalant allergens, *1969:* Feb., 43, 196, 232
Inhalation therapy, *1969:* Aug., **613-620**
for neonates, *1970:* Nov., 805
Inheritance. See *Heredity.*
Injection therapy for allergy, management, *1969:* Feb., **257-269**
principles, *1969:* Feb., **243-255**
Injuries, transportation of child with, *1969:* Aug., **565-571**
Insect stings, allergy and, *1969:* Feb., 45, **177-191**
differential diagnosis of, *1969:* Feb., 182-183
Insecticides. See also *Pesticides.*
organic phosphorus, poisoning due to, *1970:* Aug., 639-642
pyrethrum, allergy and, *1969:* Feb., 55
toxicity of, *1970:* Aug., 573-576
Insomnia, in mental retardation, *1968:* Nov., 847
Institutionalization, for mental retardation, *1968:* Nov., 852
effects on siblings, *1968:* Nov., 853
Insulin. See also *Diabetes mellitus.*
during and after surgery in diabetic patient, *1969:* Aug., 674
intrauterine growth and, *1970:* Feb., 113
Insulin sensitivity, surgery and, *1969:* Aug., 672
Insurance, basic requirements in, *1969:* Nov., 837
deductible and coinsurance clauses, *1969:* Nov., 846
government plans, *1969:* Nov., 841
ideal plan, *1969:* Nov., 856
prepaid first dollar coverage, *1969:* Nov., 840
Intelligence, quotient, Down's syndrome and, *1968:* Nov., 929
intrauterine growth retardation and, *1970:* Feb., 12-18
somatic disorders and, *1968:* Nov., 926
subnormal, delayed motor development and, *1968:* Aug., 572
tests, historic purposes, *1968:* Nov., 826
in mental retardation, *1968:* Nov., 945
limitations, *1968:* Nov., 827
Intensive care unit, for surgical patients, requirements, *1969:* Aug., 538-540
neonatal, design of, *1970:* Nov., **777-791**
electrocution hazards in, *1970:* Nov., 798
equipment for, *1970:* Nov., 782-791, **793-810**
laminar flow vs. air conditioning in, *1970:* Nov., 788
regional planning for, *1970:* Nov., **761-776**
requirements for, *1970:* Nov., 781
Intermittent positive pressure breathing, for status asthmaticus, *1969:* Feb., 22
Intestines, anastomosis, postoperative complications of, *1969:* Aug., 695-697
antisepsis, nystatin for, *1968:* Feb., 245
infections, polymyxins for, *1968:* Feb., 90
obstruction, adynamic, after surgery, *1969:* Aug., 693
in newborn, roentgen evaluation, *1970:* Nov., **983-1001**
perforation, exchange transfusion and, *1970:* Nov., 909
Intoxication. See *Poisoning* and under names of agents.
Intrauterine convulsions, familial, *1968:* May, 500
Intrauterine growth, endocrine influences on, *1970:* Feb., **111-117**
maternal factors and, *1970:* Feb., 13
placental lesions and, *1970:* Feb., 29
retardation, birth weight and gestational age in, *1970:* Feb., 133
body composition in, *1970:* Feb., **79-99**
causes, *1970:* Feb., 80
chromosomal abnormalities and, *1970:* Feb., **101-109**
estriol excretion and, *1970:* Feb., 46
infections and, *1970:* Feb., **119-124**

Intrauterine growth *(Continued)*
small-for-date infants and, *1970:* Feb., 12–18
Intrauterine malnutriton, cellular growth in, *1970:* Feb., **69–78**
clinical and therapeutic aspects, *1970:* Feb., **169–183**
etiologic factors, *1970:* Feb., 172
laboratory findings in, *1970:* Feb., 176
perinatal mortality and, *1970:* Feb., 181
Intravenous therapy. See *Parenteral nutrition.*
Intubation, endotracheal. See *Endotracheal intubation.*
Iodides, for asthma, *1969:* Feb., 16
Ipecac, fluid extract of, toxicity of, *1970:* Aug., 588
syrup, in poison therapy, *1970:* Aug., 527–531
efficacy of, *1970:* Aug., 528, 546
evaluation of, *1970:* Aug., 498
in sedative overdosage, *1970:* Aug., 620
Iron poisoning, *1970:* Aug., 611–613
desferrioxamine for, *1970:* Aug., 594
tests for, *1970:* Aug., 522
Irrigation, for temperature control, *1969:* Aug., 656
Isoimmunization, Rh, erythroblastosis fetalis and, *1968:* May, 473–477
Isolate populations, study of, *1968:* May, 502
Isoniazid, dosage and routes of administration, *1968:* Feb., 285
for tuberculosis, *1968:* Feb., 214; May, 530, 531, 540
preparation procedure, *1968:* Feb., 277
Isopropanol poisoning, test for, *1970:* Aug., 521
Isoproterenol (Isuprel), for allergy, *1969:* Feb., 318
for asthma, *1968:* May, 368; *1969:* Feb., 17
for shock, *1969:* Aug., 633
Isovaleric acidemia, *1968:* May, 499
Isuprel. See *Isoproterenol.*

JAUNDICE, due to breast feeding, *1970:* Feb., 218
Jejunum, atresia, roentgen examination, *1970:* Nov., 989
Joints. See also under names of joints.
infections, erythromycin for, *1968:* Feb., 126
tuberculosis, antibiotics for, *1968:* Feb., 222
Jugular vein, external, central venous pressure monitoring and, *1969:* Aug., 638

KAISER-PERMANENTE plan, in child health care, *1969:* Nov., **875–883**
Kanamycin (Kantrex), *1968:* Feb., **73–83**
dosage and routes of administration, *1968:* Feb., 283, 285
for gastrointestinal infections, *1968:* Feb., 230
for intestinal antisepsis, *1968:* Feb., 245
Kanamycin (Kantrex) *(Continued)*
for peritonitis, *1968:* Feb., 247
for shigellosis, *1968:* Feb., 232
for surgical infections, *1969:* Aug., 756
for urinary tract infections, *1968:* Feb., 256
mechanism of action, *1968:* Feb., 4
preparation procedure, *1968:* Feb., 277
therapeutic uses, *1968:* Feb., 76
in newborn, *1968:* Feb., 162
toxicity, *1968:* Feb., 78
Kantrex. See *Kanamycin.*
Keflin. See *Cephalothin.*
Keloids, *1969:* Aug., 698
Kerosene poisoning, infection and, antibiotic prophylaxis, *1968:* Feb., 269
test for, *1970:* Aug., 522
Kidney, horseshoe, with congenital heart disease, *1968:* May, 390–391
tuberculosis, antibiotics for, *1968:* Feb., 223
Kinins, as mediators of allergic reactions, *1969:* Feb., 99–101
Klebsiella infections, cephalothin for, *1968:* Feb., 37
chloramphenicol for, *1968:* Feb., 60
kanamycin for, *1968:* Feb., 76
neomycin for, *1968:* Feb., 76
paromomycin for, *1968:* Feb., 76
Klinefelter's syndrome, *1968:* Nov., 880
roentgen manifestations, *1968:* May, 417
Kwashiorkor, mental performance and, *1970:* Feb., 19

LABOR. See also *Newborn; Pregnancy.*
acute events, adverse effects on fetus, *1970:* Nov., **811–834**
drugs administered during, effect on fetus, *1970:* Nov., 835–850
fetal distress in, *1970:* Nov., 828–832
maternal medication and fluids during, fetal chemistries and, *1970:* Nov., 827, 841, 847
Laboratory tests. See *Tests.*
Lacrimation, poisoning and, *1970:* Aug., 488
Lactogen, human placental, intrauterine growth and, *1970:* Feb., 113
Laminar flow, vs. air conditioning, *1970:* Nov., 788
Language, development, effects of deafness on, *1970:* May, 349
developmental disorders, symposium on, *1968:* Aug., **565–801**
imbalance, central, *1968:* Aug., **705–720**. See also *Cluttering.*
Laryngotracheitis, acute, antibiotics for, *1968:* Feb., 205
LATS. See *Long-acting thyroid stimulator.*
Lavage, gastric. See *Gastric lavage.*
Laxatives, in poison therapy, *1970:* Aug., 532
Lead, encephalopathy, *1970:* Aug., 598, 606
environmental sources of, *1970:* Aug., 600
poisoning, *1970:* Aug., 597–607
chelating agents for, *1970:* Aug., 594, 604

Lead *(Continued)*
poisoning, laboratory tests for, *1970:* Aug., 521, 601
prevention of, community program for, *1970:* Aug., 720
toxicity of, *1970:* Aug., 598
Learning, observational, *1970:* May, 434
Learning difficulties, in developmental hyperactivity, *1968:* Aug., 584
assessment of, *1968:* Aug., 590
in minimal cerebral damage syndrome, *1968:* Aug., 784
Learning disorders, measurement of, *1970:* May, 339
neuropsychology and, *1970:* May, **337–346**
Learning principles. See also *Reinforcement therapy.*
application of, *1970:* May, **427–436**
Left-right discrimination, *1968:* Aug., **747–758**
in Gerstmann syndrome, *1968:* Aug., 771
Lesch-Nyhan syndrome, *1968:* Nov., 890
Leukemia, in ataxic siblings, *1968:* May, 389–390
in childhood, maternal age and, *1968:* May, 388
Leukocytes, in transfusion, *1968:* May, 484–485
Lincomycin (Lincocin), *1968:* Feb., **131–138**
dosage and routes of administration, *1968:* Feb., 286
for pneumococcal pneumonia, *1968:* Feb., 207
for staphylococcal infection, *1968:* Feb., 172
for surgical infections, *1969:* Aug., 757
for tonsillopharyngitis, *1968:* Feb., 205
mechanism of action, *1968:* Feb., 4
preparation procedure, *1968:* Feb., 277
therapeutic uses, *1968:* Feb., 136
toxicity, *1968:* Feb., 135
Lipid metabolism, ophthalmic disturbances and, *1968:* May, 340
Lips, abnormalities and malfunction, speech disorders and, *1968:* Aug., 615. See also *Dysarthria.*
upper, failure of fusion of, dysarthria and, *1968:* Aug., 617
Listeria infections, erythromycin for, *1968: Feb., 121*
Liver disease, antibiotics for, *1968:* Feb., 49
hemorrhage and, in surgical patient, *1969:* Aug., 689
Löffler's syndrome, *1969:* Feb., 129
Long-acting thyroid stimulator, maternal and fetal, *1970:* May, 277
Lowe's syndrome, *1968:* May, 339
Lungs. See also *Pulmonary; Respiration; Respiratory tract.*
capacity, diffusing, *1969:* Feb., 166
functional residual, *1969:* Feb., 162
disorders, neonatal, roentgen manifestations, *1968:* May, 423–426
function, forced flow rate in measurement of, *1969:* Feb., 162
maximal expiratory flow rate in measurement of, *1969:* Feb., 163
Lungs *(Continued)*
function, tests of, *1969:* Feb., **159–175**
in asthma, *1969:* Feb., 11
lymphatics, hyaline membrane disease and, *1970:* Nov., 947
surfactant, hyaline membrane disease and, *1970:* Nov., 948
volume, forced expiratory, *1969:* Feb., 162
Lymph nodes, tuberculosis, antibiotics for, *1968:* Feb., 221
Lymphangiectasis, congenital cystic pulmonary, roentgen manifestations, *1968:* May, 423
Lymphatics, lung, hyaline membrane disease and, *1970:* Nov., 947
Lymphogranuloma venereum, sulfonamides for, *1968:* Feb., 96
Lysergic acid diethylamide (LSD), intoxication by, *1970:* Aug., 484

MACE, intoxication by, *1970:* Aug., 486
Mafenide, *1968:* Feb., 99
Magnesium, deficiency, *1969:* Aug., 586
Magnesium sulfate, obstetric use, effect on fetus, *1970:* Nov., 844
Malaria in American children overseas, *1970:* May, 267
Malformations. See *Abnormalities and deformities;* and under organs and regions.
Malnutrition. See also *Nutrition.*
body water spaces in, *1970:* Feb., 82–85
intrauterine. See *Intrauterine malnutrition.*
postnatal, of small-for-date infants, *1970:* Feb., 18
Malocclusion, orthodontics and, *1968:* May, 334
Mandelamine. See *Methenamine mandelate.*
Mandible, hypoplasia, dysarthria and, *1968:* Aug., 619
Mannitol, for shock, *1969:* Aug., 632
Manpower, in pediatrics, future needs, *1969:* Nov., **781–791**
utilization of, *1969:* Nov., **915–920**
Mantoux test, for tuberculosis, *1968:* May, 515
Maple syrup urine disease, treatment of, *1970:* May, 326–329
Marihuana intoxication, *1970:* Aug., 484
Marital interaction, sex education and, *1969:* May, **459–470**
Maroteaux-Lamy syndrome, *1968:* May, 340
Massage, cardiac, in cardiac arrest, *1969:* Aug., 663
Matches, ingestion of, *1970:* Aug., 587
Maternal behavior, in pregnancy, *1970:* Nov., 1020–1025
Maternal-child relationships, separation and, *1970:* Nov., **1015–1037**
Maternal deprivation, infant separation and, *1970:* Nov., 1026
Maternal-fetal gas exchange. See under *Blood, gases.*
Maternal-fetal hormone relationships, *1970:* May, **273–289**

Maternity and Infant Care Programs, *1969:* Nov., 892
Maternity units, of hospitals, infections in, *1969:* Aug., 710–713
Maturation, delayed, cluttering and, *1968:* Aug., 711
Meatal stenosis, diagnosis of, *1970:* May, 243
Meconium ileus, roentgen examination, *1970:* Nov., 995
Meconium plug syndrome, roentgen examination, *1970:* Nov., 993, 995
Medical schools, pediatric practice and, *1969:* Nov., 794
Medications. See *Drugs.*
Medicinals, toxicity of, *1970:* Aug., 588
Megacolon, congenital, roentgen examination, *1970:* Nov., 997
Menarche, *1969:* May, 402, 412
Meningitis, antibiotics for, *1968:* Feb., 191
  bacterial, diagnosis, *1968:* Feb., 185
    erythromycin for, *1968:* Feb., 126
    identification of type, *1968:* Feb., 187
    management, *1968:* Feb., **185–195**
    subdural effusion following, *1970:* May, 370
  causes, *1968:* Feb., 148
  differential diagnosis, *1968:* Feb., 149, 151
  Diplococcus pneumoniae, diagnosis, *1968:* Feb., 189
  Hemophilus influenzae, cephalothin for, *1968:* Feb., 38
    diagnosis, *1968:* Feb., 189; *1970:* May, 416
    therapy for, *1970:* May, 423
  lincomycin for, *1968:* Feb., 136
  meningococcal, diagnosis, *1968:* Feb., 149, 188
  pneumococcal, diagnosis, *1968:* Feb., 149
  pyogenic, diagnosis, *1968:* Feb., 151
  rehabilitation after, *1968:* Feb., 194
  surgery for, *1968:* Feb., 193
  tuberculous, antibiotics for, *1968:* Feb., 222
    diagnosis, *1968:* Feb., 151
  viral, diagnosis, *1968:* Feb., 151
Meningococcemia, diagnosis, *1968:* Feb., 149
Meningococcus infections, antibiotic prophylaxis, *1968:* Feb., 263
Mental disturbances, poisoning and, *1970:* Aug., 491
Mental retardation, age and, *1968:* Nov., 842
  behavior development and, *1968:* Nov., 970
  behavior problems in, *1968:* Nov., 851, 959
    analysis, *1968:* Nov., 975
    operant conditioning for, *1968:* Nov., **969–987**
  causes, *1968:* Aug., 630; Nov., 839
  chromosome disorders in, *1968:* Nov., **871–888**
  communication behavior and, *1968:* Nov., 850
Mental retardation *(Continued)*
  cosmetic deformities in, plastic surgery for, *1968:* Nov., 850
  counseling in, principles, *1968:* Nov., 847
  degrees of, education and, *1968:* Nov., 1006
    vocational training and, *1968:* Nov., 1020–1021
  delayed speech and, *1968:* Aug., 629
  demographic view, *1968:* Nov., **825–833**
    case finding, *1968:* Nov., 831
    intelligence tests and, *1968:* Nov., 827
  dental hygiene and, *1968:* Nov., 847
  detection, early, *1968:* Nov., 836
  developmental milestones and, *1968:* Nov., 845
  diagnosis, team approach, *1968:* Nov., 838
  diagnosis and management, physician's role, *1968:* Nov., **835–859**
  education and, *1968:* Nov., **1005–1016**
  emotional problems in, *1968:* Nov., **957–967**
  enzyme defects and, *1968:* Nov., 889
  family aspects, *1968:* Nov., 828–830
    religious differences, *1968:* Nov., 829
  genetic counseling in, *1968:* Nov., **905–923**
  growth and, *1968:* Nov., 842
  hyperkinesis and, *1968:* Nov., 851
  hyperuricemia and, *1968:* Nov., 890
  immunizations and, *1968:* Nov., 847
  implications for future, *1968:* Nov., **1041–1046**
  in adults, future programs in, *1968:* Nov., 1043
  in small-for-date infants, *1970:* Feb., 19–21
  informing parents, *1968:* Nov., 843, 863
  institutionalization for, *1968:* Nov., 852
  management, coordination, *1968:* Nov., 854
    family and, *1968:* Nov., 842
  medical needs in, *1968:* Nov., 844
  metabolic disorders and, *1968:* Nov., **889–904**
    list of, *1968:* Nov., 891
  mild, future programs in, *1968:* Nov., 1042
  obesity and, *1968:* Nov., 846
  parents' reactions to, *1968:* Nov., 862, 864, 991
    emotional problems, *1968:* Nov., 959
  personal aspects, *1968:* Nov., 825–828
  personal vs. social aspects, *1968:* Nov., 828
  physical fitness and, *1968:* Nov., 846
  physical handicaps and, *1968:* Nov., 849
    vocational training and, *1968:* Nov., 1025
  physical therapy and, *1968:* Nov., 849
  physician's attitude, *1968:* Nov., 863, 991
  psychological evaluation in, *1968:* Nov., **943–956**
    indications for, *1968:* Nov., 952
  recognition, *1968:* Nov., 990
  referral and consultation in, *1968:* Nov., 999

Mental retardation *(Continued)*
residential care facilities and, *1968:* Nov., 1029–1039
indications for placement in, *1968:* Nov., 1035
programs in, *1968:* Nov., 1034
risk of, factors increasing, *1968:* Nov., 837
risk of recurrence in later children, *1968:* Nov., 906
sexual adjustment and, *1968:* Nov., 962
sleeping habits and, *1968:* Nov., 847
social aspects, *1968:* Nov., 830–832
social contacts and, *1968:* Nov., 845
somatic disorders associated with, *1968:* Nov., 909
symposium on, *1968:* Nov., **819–1046**
syndromes in, classification of, *1968:* Nov., 928
clustering of, *1968:* Nov., 926
cytogenetic, *1968:* Nov., 928
diagnosis of, *1968:* Nov., **925–942**
purposes, *1968:* Nov., 936
enzyme deficiency, *1968:* Nov., 931
gross morphologic or phenotypic, *1968:* Nov., 935
treatment, factors in choice of, *1968:* Nov., 1031
vocational training and, *1968:* Nov., **1017–1028**
welfare agencies and, *1968:* Nov., 830, 856, **989–1003**
future needs, *1968:* Nov., 1041
without associated somatic difficulties, *1968:* Nov., 826
Meperidine, as preanesthetic sedative, *1969:* Aug., 603
Mephentermine (Wyamine) intoxication, *1970:* Aug., 480
Meprobamate intoxication, *1970:* Aug., 480
laboratory analysis for, *1970:* Aug., 513
Mercurial diuretics, poisoning by, *1970:* Aug., 608
Mercuric chloride, poisoning by, *1970:* Aug., 608
Mercurochrome, accidental ingestion of, *1970:* Aug., 588
Mercury poisoning, *1970:* Aug., 607–609
chelating agents for, *1970:* Aug., 594
test for, *1970:* Aug., 518
Merthiolate, accidental ingestion of, *1970:* Aug., 588
Mescaline intoxication, *1970:* Aug., 484
Metabolism. See also under specific substances.
cold stress and, *1970:* Nov., 867
defects in, hemolytic disorders due to, *1970:* May, 450
disorders, hereditary, management, *1968:* Nov., 901
screening for, *1968:* Nov., 894
indications for investigation. *1968:* Nov., 933
mental retardation and, *1968:* Nov., **889–904**
ophthalmology and, *1968:* May, 338–340
inborn errors of, newer, *1968:* May, 498–503
Metabolism *(Continued)*
rate, in newborn, *1970:* Feb., 148; Nov., 865
fasting and thirsting and, *1970:* Nov., 875
Metatarsus adductus, pigeon-toes due to, *1970:* May, 293–296
Methacycline. See *Tetracyclines.*
Methamphetamine intoxication, *1970:* Aug., 480
Methanol poisoning, ethanol in, *1970:* Aug., 503
test for, *1970:* Aug., 520
Methemoglobin, compounds producing, *1970:* Aug., 488
test for, *1970:* Aug., 522
Methenamine mandelate, dosage and routes of administration, *1968:* Feb., 286
Methicillin. See also *Penicillins, semisynthetic.*
activity, *1968:* Feb., 18
for staphylococcal pneumonia, *1968:* Feb., 208
for surgical infections, *1969:* Aug., 759
therapeutic uses, *1968:* Feb., 19, 20
Methylphenidate (Ritalin), for hyperactivity, *1968:* Aug., 591
for minimal brain dysfunction, *1968:* Aug., 794
Meticorten. See *Prednisone.*
Microdiffusion technique, in tests for poison, *1970:* Aug., 520
Midgut, malrotation and volvulus, roentgen examination, *1970:* Nov., 988, 992
Milk tension, in breast feeding, *1970:* Feb., 211
Mineralocorticoids, adrenocortical. See *Aldosterone.*
for adrenal hyperplasia, *1970:* Nov., 1006
Minerals, in infant feeding, requirements, *1970:* Nov., 922
Minimal cerebral damage syndrome, *1968:* Aug., **779–801**
developmental dyslexia and, *1968:* Aug., 673–674, 787–789
Miosis, in poisoning, *1970:* Aug., 488
Mirror writing, *1968:* Aug., 650
cerebral dominance and, *1968:* Aug., 766
Miscarriage, maternal age and, *1968:* May, 388
Mist therapy, *1969:* Aug., 614
in asthma, *1969:* Feb., 15
Moebius' syndrome, dysarthria and, *1968:* Aug., 620
Molds, allergy to, *1969:* Feb., 44
bronchial challenge tests and, *1969:* Feb., 89
injection therapy and, *1969:* Feb., 246
Mongolism. See *Down's syndrome.*
Monitoring. See also under measurements, and names of organs.
in shock, *1969:* Aug., 625–629
of newborns. See under *Newborn.*
Monosomy, *1968:* May, 495, 496
Morning glory seeds, intoxication by, *1970:* Aug., 484

Morphine, as preanesthetic sedative, *1969:* Aug., 603
Morquio's disease, *1968:* May, 340
Mosquitoes, allergy and, *1969:* Feb., 182
Mothering, disorders of, *1970:* Nov., 1029
Motility, developmental disorders of, symposium on, *1968:* Aug., **565–801**
Motor activity, excessive, *1968:* Aug., **581–599**. See also *Hyperactivity.*
Motor development, delayed, *1968:* Aug., **569–580**
disorders, symposium on, *1968:* Aug., **565–801**
cerebral dominance and, *1968:* Aug., 767
Motor training, perceptual, for developmental hyperactivity, *1968:* Aug., 593
Mucopolysaccharidoses, *1968:* May, 339
Mucus, thinning of, in asthmatic child, *1969:* Feb., 267
Mumps, complications, *1968:* May, 447
vaccine for, *1968:* May, 447–451
Muscle, spasm, poisoning and, *1970:* Aug., 491
tone, decreased. See *Hypotonia.*
disturbances of, dopamine for, *1970:* May, 331
in neurological diseases, *1970:* May, 329–333
motor development and, *1968:* Aug., 573
Muscular dystrophy, delayed motor development and, *1968:* Aug., 578
Mustard powder, in poison therapy, comparative value of, *1970:* Aug., 529
Mutism, developmental, *1968:* Aug., 624, **627–638**. See also *Speech, delayed.*
elective, *1968:* Aug., 636
Mycifradin. See *Neomycin.*
Mycobacteria, atypical, tuberculosis and, *1968:* May, 526–530
Mycoplasma pneumoniae, infections, erythromycin for, *1968:* Feb., 121, 124
vaccine for, *1968:* May, 457
Mycoses, antibiotics for, *1968:* Feb., **107–118**
Mycostatin. See *Nystatin.*
Mydriasis, poisoning and, *1970:* Aug., 488
Myocardium. See also *Heart.*
failure, shock and, *1969:* Aug., 630

NAFCILLIN. See also *Penicillin, semisynthetic.*
activity, *1968:* Feb., 18
therapeutic uses, *1968:* Feb., 20
Nalidixic acid (NegGram), *1968:* Feb., **95–105**
dosage and routes of administration, *1968:* Feb., 286
mechanism of action, *1968:* Feb., 4
Nalorphine (Nalline), for drug intoxication, *1970:* Aug., 560
Narcotic antagonists, *1970:* Aug., 560
Narcotics. See also *Anesthesia;* and specific drugs.
in pregnancy, effect on fetus, *1970:* Nov., 846
Nasal allergy, from foods, *1969:* Feb., 212
Nasal polyps, allergy and, *1969:* Feb., 125
National Clearing House for Poison Control Centers, *1970:* Aug., 745
Negativism, reinforcement therapy for, *1970:* May, 431
NegGram. See *Nalidixic acid.*
Neisseria infections, erythromycin for, *1968:* Feb., 121
Neomycin, *1968:* Feb., **73–83**
dosage and routes of administration, *1968:* Feb., 283, 286
for gastrointestinal infections, *1968:* Feb., 230
for shigellosis, *1968:* Feb., 232
for surgical infections, *1969:* Aug., 757
mechanism of action, *1968:* Feb., 4
preparation procedure, *1968:* Feb., 278
therapeutic uses, *1968:* Feb., 76
in newborn, *1968:* Feb., 163
Neonatal. See *Newborn; Premature infants.*
Neonatal intensive care unit. See *Intensive care unit, neonatal.*
Neonate. See *Newborn.*
Neonatologist, role of, *1970:* Feb., **199–202**
Neoplasms. See *Carcinoma; Tumors;* and organ or region affected.
Neothylline. See *Dyphylline.*
Nephrotic syndrome, infection and, antibiotic prophylaxis, *1968:* Feb., 269
Nephrotoxicity, deoxystreptamines and, *1968:* Feb., 78
due to amphotericin B, *1970:* May, 440
Nerves, cranial. See *Cranial nerves.*
Nervous system. See also *Brain.*
autonomic, depression, hyaline membrane disease and, *1970:* Nov., 950
central, asphyxia and, barbiturate prophylaxis in, *1970:* Nov., **851–862**
asthma and, *1969:* Feb., 12
poisons affecting, *1970:* Aug., 491
Neuritis, chloramphenicol and, *1968:* Feb., 65
Neuroendocrine regulation of puberty, *1969:* May, 400–402
Neurofibromatosis, café-au-lait spots and, *1968:* May, 391
Neurogenic bladder, diagnosis and treatment of, *1970:* May, 245–247
Neurologic diseases, muscle tone disturbances in, *1970:* May, 329–333
treatment of, clinical advances in, *1970:* May, **323–335**
Neurologic disorders, dysarthria and, *1968:* Aug., 620
in developmental hyperactivity, *1968:* Aug., 584
in small-for-date infants, *1970:* Feb., 19–21
Neurologic examination, in minimal cerebral damage syndrome, *1968:* Aug., 782
Neuropsychology, learning disorders and, *1970:* May, **337–346**
Newborn. See also *Children; Infants; Premature infants.*
anesthesia for, temperature and, *1969:* Aug., 653

Newborn (*Continued*)
antibiotic therapy, *1968:* Feb., **157–166**; *1969:* Aug., 752
calorie requirements, *1970:* Nov., 864
coagulation, physiology of, *1970:* Nov., 929–933
coagulation defects, *1970:* Nov., 933–942
surgery and, *1969:* Aug., 688
congenital heart disease in, diagnosis and management, *1970:* Nov., **967–982**
congestive heart failure in, *1970:* Nov., 971, 977
cyanosis in, *1970:* Nov., 974, 979
depression, definition of, *1970:* Nov., 839
obstetrical drugs and, *1970:* Nov., 835–850
diseases. See specific diseases.
endocrine disorders, corticosteroids for, *1970:* Nov., **1003–1013**
fluid and electrolytes, requirements, *1969:* Aug., 583; *1970:* Nov., 864, 879
therapy, *1970:* Nov., 806
maintenance, *1970:* Nov., 878–890
genetic diagnosis in, *1970:* Nov., **1039–1053**
high-risk factors of, *1970:* Nov., 778
hospital care, *1970:* Nov., 1016. See also *Intensive care units, neonatal.*
hyaline membrane disease, etiologic theories, *1970:* Nov., **943–965**
infections, antibiotic prophylaxis, *1968:* Feb., 265
manifestations, *1969:* Aug., 738–739
sources, *1969:* Aug., 737–738
staphylococcal, antibiotics for, *1968:* Feb., **167–183**
penicillin for, *1968:* Feb., 177
steroids for, *1970:* Nov., 1010
influence of placental lesions on, *1970:* Feb., **25–42**
intestinal obstruction, roentgen evaluation, *1970:* Nov., **983–1001**
maternal acid-base balance and, *1970:* Nov., 821
maternal separation, *1970:* Nov., **1015–1037**
monitoring, blood pressure, *1970:* Nov., 797
cardiac, *1970:* Nov., 796
electrocution hazards in, *1970:* Nov., 798
equipment for, *1970:* Nov., 796–802
nurseries, intensive care. See *Intensive care units, neonatal.*
of hospitals, infections in, *1969:* Aug., 710–713
oxygen concentration, environmental, *1970:* Nov., 799
inspired, head hoods and, *1970:* Nov., 802
parenteral nutrition. See under *Parenteral nutrition.*
polycythemia of, *1968:* May, 487–488
posthemorrhagic anemia in, *1970:* May, **401–413**
renal function, *1970:* Nov., 870

Newborn (*Continued*)
respiratory distress. See *Respiratory distress.*
sick, supportive management, *1970:* Nov., **863–893**
special care for, regional organization of, *1970:* Nov., **761–776.** See also *Intensive care units,* neonatal.
surgery in, *1969:* Aug., 579
blood loss and, *1969:* Aug., **593–600**
operating room temperature, *1969:* Aug., 653
support of parents, *1969:* Aug., 555
symposium on, *1970:* Nov., **759–1053**
thermal protection for, *1970:* Nov., 794
tuberculosis, *1968:* Feb., 220
umbilical vessel catheterization, *1970:* Nov., **895–912**
undergrown, body water spaces in, *1970:* Feb., 85–92
ventilator therapy for, *1970:* Nov., 805
weight of, growth and development and, *1970:* Feb., 129–140
with fetal malnutrition. See *Infants, fetal malnutrition.*
Nipple, care of, in breast feeding, *1970:* Feb., 207, 217
Nitrate poisoning, test for, *1970:* Aug., 522
Nitrofurans, *1968:* Feb., **95–105**
Nitrofurantoin (Furadantin), *1968:* Feb., 101
dosage and routes of administration, *1968:* Feb., 286
for urinary tract infections, *1968:* Feb., 257
preparation procedure, *1968:* Feb., 278
Nitrofurazone, *1968:* Feb., 103
Nontoxic substances, excessive ingestion of, *1970:* Aug., **583–590**
Nosocomial infections. See *Infection, hospital-associated.*
Novobiocin, dosage and routes of administration, *1968:* Feb., 286
for surgical infections, *1969:* Aug., 758
preparation procedure, *1968:* Feb., 278
therapeutic uses, in newborn, *1968:* Feb., 158
Nuclear agenesis, of cranial nerves, dysarthria and, *1968:* Aug., 620
Numbers, reversal of, *1968:* Aug., 656
use of, anomalies in, *1968:* Aug., **651–668.** See also *Dyscalculia, developmental.*
normal, *1968:* Aug., 652–656
Nurse practitioners, in pediatrics, *1969:* Nov., 930
Nursery, infections, *1969:* Aug., 710–713
antibiotic prophylaxis, *1968:* Feb., 265
Nutmeg, intoxication by, *1970:* Aug., 486
Nutrition. See also *Diet; Food; Malnutrition; Metabolism.*
for fetal malnutrition infants, *1970:* Feb., 181
parenteral. See *Parenteral nutrition.*
placental, *1970:* Feb., 7
postnatal, for premature infants, *1970:* Feb., 140–144

Nutrition *(Continued)*
prenatal, birth weight and, *1970:* Feb., 9
surgery and, *1969:* Aug., 577
Nydrazid. See *Isoniazid.*
Nystatin, *1968:* Feb., 115–117
dosage and routes of administration, *1968:* Feb., 283, 286
for candidal enteritis, *1968:* Feb., 237
for intestinal antisepsis, *1968:* Feb., 245
mechanism of action, *1968:* Feb., 4, 5

OBESITY, prevention, in mentally retarded, *1968:* Nov., 846
Obstruction. See under organ or region affected.
Occupation, infection and, *1968:* Feb., 144
Ocular. See *Eyes.*
Oculocerebrorenal syndrome, *1968:* May, 339
Oleandomycin. See also *Triacetyloleandomycin.*
dosage and routes of administration, *1968:* Feb., 287
preparation procedure, *1968:* Feb., 279
Omnipen. See *Ampicillin.*
Onychomycosis, griseofulvin for, *1968:* Feb., 115
Operant conditioning, for behavior modification in mentally retarded, *1968:* Nov., **969–987**
examples, *1968:* Nov., 978–983
Operating room, temperature, for surgery of newborn, *1969:* Aug., 653
Ophthalmology, examination methods in, *1968:* May, 337–338
genetics and, *1968:* May, 338–340
recent advances in, *1968:* May, **337–344**
Ophthalmoscopy in retrolental fibroplasia, *1970:* May, 316, 317–320
Opiates, intoxication by, treatment of, *1970:* Aug., 560
Oral cavity, disorders, common, *1968:* May, 329–334. See also *Teeth.*
Organic phosphorus compounds, poisoning by, *1970:* Aug., 639–642
Orientation, confusion in, *1968:* Aug., **747–758.** See also *Right-left discrimination.*
Orthodontics, malocclusion and, *1968:* May, 334
Ortolani's click, *1970:* May, 292
Osteogenesis imperfecta, intrauterine growth retardation in, *1970:* Feb., 136
Osteomyelitis, hematogenous, treatment of, *1969;* Aug., 751
Hemophilus influenzae in, *1970:* May, 418
lincomycin for, *1968:* Feb., 136
Otitis media, antibiotics for, *1968:* Feb., 201
causes, *1968:* Feb., 147
Hemophilus influenzae in, *1970:* May, 420
therapy for, *1970:* May, 424
recurrent, *1969:* Feb., 78
Otorrhea, and rhinorrhea, infection and, antibiotic prophylaxis, *1968:* Feb., 269
Ototoxicity, deoxystreptamines and, *1968:* Feb., 78
Ovary(ies), puberty and, *1969:* May, 401
Oxacillin (Prostaphlin). See also *Penicillin, semisynthetic.*
for surgical infections, *1969:* Aug., 759
therapeutic uses, *1968:* Feb., 20
Oxamycin. See *Cycloserine.*
Oxygen. See also *Respiration.*
consumption. See *Metabolism.*
environmental concentration, for newborns, *1970:* Nov., 799
for status asthmaticus, *1969:* Feb., 19
gradient, transplacental, *1970:* Nov., 812
alterations in, *1970:* Nov., 818
hyperbaric, for resuscitation, *1968:* May, 352
therapy, *1969:* Aug., 613
retrolental fibroplasia and, *1970:* May, 310, 315
toxicity, hyaline membrane disease and, *1970:* Nov., 954
transplacental diffusion, *1970:* Nov., 811–827
Oxytetracycline. See *Tetracyclines.*

PAINT, accidental ingestion of, *1970:* Aug., 588
Palate, abnormalities and malfunction, dysarthria and, *1968:* Aug., 615, 617, 618. See also *Dysarthria.*
Palsy. See *Paralysis.*
Pamisyl. See *Para-aminosalicylic acid.*
Panmycin. See *Tetracyclines.*
Para-aminosalicylic acid (PAS), dosage and routes of administration, *1968:* Feb., 287
for tuberculosis, *1968:* Feb., 216; May, 531
Parabiotic syndrome, prognosis in, *1970:* Feb., 38
Paracolon, infections, antibiotics for, *1968:* Feb., 76
Paraffin, toxicity of, *1970:* Aug., 589
Paralysis, cerebral, athetoid, signs of, *1968:* Aug., 575
dysarthria and, *1968:* Aug., 616, 621
epidemic, *1968:* May, 3
feeding child with, *1968:* Nov., 849
hypertonia and, *1968:* Aug., 574
spastic, signs of, *1968:* Aug., 575
poisoning and, *1970:* Aug., 491
Paranasal sinusitis, Hemophilus influenzae in, *1970:* May, 419
Parathion poisoning, test for, *1970:* Aug., 521
Parent, psychopathology of, accidental poisoning in children and, *1970:* Aug., 679
Parent-child relationship, poisoning and, *1970:* Aug., 665, 676
suicide and, *1970:* Aug., 688
Parenteral nutrition, *1970:* May, **373–383**
hyperalimentation, in newborn, *1970:* Nov., 878–890
techniques, *1970:* Nov., 881
Paromomycin (Humatin), *1968:* Feb., **73–83**
dosage and routes of administration, *1968:* Feb., 287
for amebiasis, *1968:* Feb., 239
for gastrointestinal infections, *1968:* Feb., 230

Paromomycin (Humatin) *(Continued)*
for shigellosis, *1968:* Feb., 232
resistance, *1968:* Feb., 76
toxicity, *1968:* Feb., 78
therapeutic uses, *1968:* Feb., 76
Partial thromboplastin time, abnormal, in surgical patient, *1969:* Aug., 684
PAS. See *Para-aminosalicylic acid.*
Passive transfer test, for anaphylactic reactions, *1969:* Feb., 238
Passivity, reinforcement therapy for, *1970:* May, 432
Patch test, for tuberculosis, *1968:* May, 523
Patent ductus arteriosus, *1970:* Nov., 977
hyaline membrane disease and, *1970:* Nov., 945
Pco_2, in asthma, effects of elevations in, *1969:* Feb., 12, 13
Pediamycin. See *Erythromycin.*
Pediatric assistants, *1969:* Nov., 934
Pediatric practice, aids in, *1969:* Nov., 989–995
case for solo practice, *1969:* Nov., **939–944**
differential charging in, *1969:* Nov., **865–874**
education for, *1969:* Nov., **793–808**
office design innovations, *1969:* Nov., **977–981, 983–987**
prepayment financing in, *1969:* Nov., **885–889**
problems of, *1968:* May, 301–311
values of personal pediatrician, *1969:* Nov., **821–833**
Peer groups, sex education and, *1969:* May, 432–433
Penbritin. See *Ampicillin.*
Penicillamine, *1968:* Aug., 807
D-Penicillamine, for heavy metal poisoning, *1970:* Aug., 592–597
Penicillin. See also *Ampicillin; Cloxacillin; Dicloxacillin; Nafcillin; Oxacillin.*
activity, *1968:* Feb., 18
clinical and epidemiologic impact of, *1968:* Feb., **13–29**
contraindications, *1968:* Feb., 26
for bronchiolitis, *1968:* Feb., 206
for gonorrhea, *1969:* May, 339
for laryngotracheitis, *1968:* Feb., 206
for otitis media, *1968:* Feb., 201
for pneumococcal pneumonia, *1968:* Feb., 207
for staphylococcal pneumonia, *1968:* Feb., 207
for streptococcal pneumonia, *1968:* Feb., 208
for syphilis, *1969:* May, 337
for tonsillopharyngitis, *1968:* Feb., 204
hypersensitivity, *1968:* Feb., 24
mechanism of action, *1968:* Feb., 4, 5, 15
phenoxymethyl, *1968:* Aug., 804
for surgical infections, *1969:* Aug., 759
reactions to, *1968:* Aug., 812
semisynthetic, dosage and routes of administration, *1968:* Feb., 283, 287, 288
for staphylococcal infection, *1968:* Feb., 171
preparation procedure, *1968:* Feb., 279
Penicillin *(Continued)*
synthetic, *1968:* Aug., 804
therapeutic uses, in newborn, *1968:* Feb., 158, 161
toxicity, *1968:* Feb., 23
types and actions of, *1968:* Aug., **803–814**
Penicillin G, for premature infants, *1969:* Aug., 753
for surgical infections, *1969:* Aug., 758
Pentobarbital, as preanesthetic sedative, *1969:* Aug., 603
intoxication by, *1970:* Aug., 480
Perceptual motor training, for developmental hyperactivity, *1968:* Aug., 593
Periodontal disease, *1968:* May, 332
Peritoneal dialysis, for drug intoxication and poisoning, effectiveness and limitations, *1970:* Aug., 500, 505, 563, 624
Peritoneum, abscess of, treatment of, *1969:* Aug., 747
infection, antibiotics for, *1968:* Feb., 246–247
Peritonitis, adhesive, after surgery, *1969:* Aug., 694
kanamycin for, *1968:* Feb., 247
treatment of, *1969:* Aug., 747
Permeability factor/dilute (PF/dil), *1969:* Feb., 101
Personnel, auxiliary, in child health care, *1969:* Nov., **921–927, 929–938**
Pertussis, erythromycin for, *1968:* Feb., 125
Pesticides. See also *Insecticides.*
containers for, *1970:* Aug., 635
death from, national mortality statistics, *1970:* Aug., 631
labeling of, *1970:* Aug., 584, 635
poisoning by, diagnosis of, *1970:* Aug., 637
environmental factors and, *1970:* Aug., 635
epidemics of, *1970:* Aug., 633
epidemiology and management of, *1970:* Aug., **629–644**
incidence of, *1970:* Aug., 630
treatment of, *1970:* Aug., 574, 638
toxicity of, *1970:* Aug., 573–576, 635–636
Petroleum products, toxicity of, *1970:* Aug., 575–577
Peyote, intoxication by, *1970:* Aug., 484
PGM. See *Erythrocyte phosphoglucomutase.*
Phalanges. See *Fingers.*
Pharyngitis, lincomycin for, *1968:* Feb., 136
Phenethicillin, therapeutic uses, *1968:* Feb., 19, 20
Phenmetrazine (Preludin), intoxication by, *1970:* Aug., 480
Phenobarbital, intoxication by, therapy for, *1970:* Aug., 624
Phenocopies, *1968:* Nov., 908
Phenothiazines, for hyperactivity, *1968:* Aug., 591
drug-induced, *1970:* Aug., 559
intoxication by, test for, *1970:* Aug., 518
obstetric use, effect on fetus, *1970:* Nov., 844
Phenotype, heterogeneity, *1968:* May, 500

Phenoxybenzamine, for shock, *1969:* Aug., 633
Phenoxymethyl penicillin. See under *Penicillin.*
Phenpenicillin, therapeutic uses, *1968:* Feb., 19
Phenylalanine, delayed enzyme maturation and, *1968:* May, 320–321
metabolism, *1968:* May, 315
Phenylalanine transaminase deficiency, *1968:* May, 320
Phenylalaninemia, causes, *1968:* May, 316
diagnosis, recent advances in, *1968:* May, **313–323**
treatment, questions in, *1968:* May, 321–322
Phenylketonuria, atypical, *1968:* May, 317–319
classical, *1968:* May, 316–317
establishment of enzyme defect in, *1968:* Nov., 889
incidence, *1968:* Nov., 931
treatment of, questions in, *1968:* May, 321–322
with phenylalaninemia, *1968:* May, 313
Phenylpyruvic oligophrenia. See *Phenylketonuria.*
Phosphorus, requirements, for parenteral nutrition, *1970:* May, 376
Photophobia, poisoning and, *1970:* Aug., 488
Photosensitivity, causes of, *1970:* Aug., 489
tetracyclines and, *1968:* Feb., 50
Phthalylsulfacetamide, *1968:* Feb., 99
Phthalylsulfathiazole, *1968:* Feb., 98
Physical examination, before surgery, *1969:* Aug., 574
in growth failure, *1968:* May, 436–441
Physical fitness. See also *Exercise.*
for asthmatic children, *1969:* Feb., 38–40
mental retardation and, *1968:* Nov., 846
Physical handicaps, mental retardation and, *1968:* Nov., 849
vocational training and, *1968:* Nov., 1025
Physical therapy, for mentally retarded, *1968:* Nov., 849
Physician, mental retardation and, attitudes, *1968:* Nov., 863, 991
diagnosis and management, *1968:* Nov., **835–859**
parents' expectations, *1968:* Nov., **861–870**
role in evaluation of syndromes, *1968:* Nov., 937
vocational training and, *1968:* Nov., 1023
Pica, and lead poisoning, *1970:* Aug., 599
P.I.E. (Pulmonary infiltration with eosinophilia), *1969:* Feb., 129
Pigeon-toes and flatfeet, *1970:* May, **291–307**
Pigments, in amniotic fluid, fetal maturity and, *1970:* Feb., 62
Pineal gland, puberty and, *1969:* May, 400
Pink disease, clinical findings in, *1970:* Aug., 608
Pink lady syndrome, *1968:* Feb., 150
Pituitary gland, puberty and, *1969:* May, 401
Pituitary growth hormone, intrauterine effects of, *1970:* Feb., 111
PKU. See *Phenylketonuria.*
Placenta, abnormal outlines, *1970:* Feb., 33
anomalies of, hemorrhage due to, *1970:* May, 403
diffusion of drugs across, *1970:* Nov., 835–850
diffusion of respiratory gases across, *1970:* Nov., 811–827
disruption of, hemorrhage due to, *1970:* May, 404
examination of, *1970:* Feb., 25–29
growth of, *1970:* Feb., 71
lesions of, fetal weight and, *1970:* Feb., 41
influence on newborn, *1970:* Feb., **25–42**
vascular, *1970:* Feb., 35–38
nutrition and, *1970:* Feb., 7, 75
of twins, *1970:* Feb., 5
registration of, *1970:* Feb., 29–41
Placenta extrachorialis, *1970:* Feb., 34
Placental insufficiency, chorionic somatomammotropin and, *1970:* Feb., 114
Placental lactogen. See *Lactogen, human placental.*
Placental transfusion syndrome, *1970:* Feb., 6
Plants, ingestion of, *1970:* Aug., 589
photosensitivity due to, *1970:* Aug., 489
Plasma. See also *Blood.*
components, in transfusion, *1969:* Aug., 596
factors, deficiencies, surgery and, *1969:* Aug., 686
Plastic surgery, in mentally retarded, *1968:* Nov., 850
Platelets. See under *Blood.*
Pleurisy, tuberculous, antibiotics for, *1968:* Feb., 220
Plumbism. See *Lead poisoning.*
Pneumococcus infections. See also *Respiratory tract, infections.*
cephalothin for, *1968:* Feb., 36
erythromycin for, *1968:* Feb., 121, 123
triacetyloleandomycin for, *1968:* Feb., 127
Pneumomediastinum, as complication of asthma, *1969:* Feb., 25
Pneumonia, antibiotics for, *1968:* Feb., 206
atypical, vaccine for, *1968:* May, 457, 458
Hemophilus influenzae, *1970:* May, 418
antibiotics for, *1968:* Feb., 209
lincomycin for, *1968:* Feb., 136
Mycoplasma pneumoniae, antibiotics for, *1968:* Feb., 209
pneumococcal, antibiotics for, *1968:* Feb., 207
diagnosis, *1968:* Feb., 149
postoperative, cephalothin for, *1968:* Feb., 38
staphylococcal, antibiotics for, *1968:* Feb., **167–183**, 207
treatment of, *1969:* Aug., 751
streptococcal, antibiotics for, *1968:* Feb., 208
Pneumonitis, aspiration, with sedative overdosage, test for, *1970:* Aug., 625

Pneumonitis *(Continued)*
complicating status asthmaticus, *1969:* Feb., 24
due to toxic agents, *1970:* Aug., 576
hypersensitivity, eosinophilia and, *1969:* Feb., 133
Pneumothorax, complicating asthma, *1969:* Feb., 25
in fetal malnutrition infants, *1970:* Feb., 178
Poison. See also specific agents.
absorption of, minimizing, *1970:* Aug., 496–500
antidotes for, *1970:* Aug., 510
body metabolism of, *1970:* Aug., 501
information on, organization and delivery of, *1970:* Aug., **741–746**
laboratory identification of, *1970:* Aug., 511–513
removal from gastrointestinal tract, *1970:* Aug., 497, 532
vascular distribution of, minimizing, *1970:* Aug., 500
Poison control centers, *1970:* Aug., 717, **747–753**
in Europe, *1970:* Aug., **729–739**
National Clearing House for, *1970:* Aug., 745
operation of, *1970:* Aug., 743, 752
Poison ivy dermatitis, *1969:* Feb., 205
Poisoning, abdominal pain in, *1970:* Aug., 491
age and, *1970:* Aug., 633
coma in, *1970:* Aug., 558
diagnosis of, clinical, *1970:* Aug., **477–494**
presumptive tests in, *1970:* Aug., 517
environmental factors in, *1970:* Aug., 716
from common household products, *1970:* Aug., **569–581**
hyperactivity due to, treatment of, *1970:* Aug., 559
in children, incidence of, *1970:* Aug., 629, 655, 662, 697
symposium on, *1970:* Aug., **471–753**
pharmacological principles in, *1970:* Aug., **495–507**
prevention of, *1970:* Aug., **713–727**
community programs for, *1970:* Aug., 719
psychodynamics of, *1970:* Aug., **653–685**, 714
signs and symptoms of, *1970:* Aug., 488–494, 516
treatment of, activated charcoal in, *1970:* Aug., **535–543, 545–556**
dialysis in, effectiveness and limitations, *1970:* Aug., 500, 505, 563, 624
emergency, *1970:* Aug., **525–534**
emesis in, *1970:* Aug., 498, 527
enemas in, *1970:* Aug., 532
exchange transfusion in, *1970:* Aug., 565
forced diuresis in, *1970:* Aug., 561–563
gastric lavage in, *1970:* Aug., 497
laxatives in, *1970:* Aug., 532
therapeutic agents in, *1970:* Aug., 510
Poliovirus, immunity to, *1970:* May, 391
Pollens, allergy and, *1969:* Feb., 44
bronchial challenge tests and, *1969:* Feb., 88
injection therapy and, *1969:* Feb., 246, 250
Polyarteritis nodosa, eosinophilia and, *1969:* Feb., 133
Polycillin. See *Ampicillin.*
Polycycline. See *Tetracyclines.*
Polycythemia, in fetal malnutrition infants, *1970:* Feb., 176
of newborn, *1968:* May, 487–488
Polymyxin B, dosage and routes of administration, *1968:* Feb., 283, 289
for surgical infections, *1969:* Aug., 760
mechanism of action, *1968:* Feb., 4, 5
preparation procedure, *1968:* Feb., 280
Polymyxin E. See *Colistimethate.*
Polymyxins, *1968:* Feb., **85–94**
for gastrointestinal infections, *1968:* Feb., 230
for urinary tract infections, *1968:* Feb., 256
therapeutic uses, *1968:* Feb., 86
in newborn, *1968:* Feb., 163
Polyps, nasal, allergy and, *1969:* Feb., 125
Porphyria, drug-induced, *1970:* Aug., 492
Porteus Maze test of intelligence, *1968:* Nov., 946
Positive pressure breathing, intermittent, for status asthmaticus, *1969:* Feb., 22
Postgraduate education, pediatric practice and, *1969:* Nov., 799
Potassium, daily requirements, *1969:* Aug., 582
deficiency, *1969:* Aug., 585
Potassium iodide, for bronchial asthma, *1968:* May, 374
Potassium tartrate, in poison therapy, comparative value of, *1970:* Aug., 529
Pralidoxime chloride, as antidote for organic phosphorus compounds, *1970:* Aug., 641
Prausnitz-Küstner test, for anaphylactic reactions, *1969:* Feb., 238
Prednisone. See also *Corticosteroids.*
for bronchial asthma, *1968:* May, 373
for tuberculosis, *1968:* May, 532
Pregnancy, acid-base changes in, *1970:* Nov., 821
complications, estriol excretion in, *1970:* Feb., 47
mental retardation and, *1968:* Nov., 837
small-for-date infants and, *1970:* Feb., 160
high-risk, estriol excretion in, *1970:* Feb., **43–48**
high-risk factors, *1970:* Nov., 778
in teenagers, *1969:* May, **347–354**
abortion and, *1969:* May, **363–369**
contraception and, *1969:* May, 356
physician's role in management, *1969:* May, 349–352
prevention, *1969:* May, 352–353
maternal behavior in, *1970:* Nov., 1020–1025
maternal-fetal gas exchange in, *1970:* Nov., 811–828

Pregnancy *(Continued)*
maternal medication and fluids, fetal chemistries and, *1970:* Nov., 827
multiple, fetal malnutrition in, *1970:* Feb., 172
psychological factors, *1969:* May, 348
tetracycline therapy and, *1968:* Feb., 49
umbilical cord compression in, *1970:* Nov., 826
Premature infants. See also *Newborn: Small-for-date infants.*
estriol excretion and, *1970:* Feb., 46
growth of, *1970:* Feb., 140–144
high-frequency hearing loss and, *1968:* Aug., 686
maternal separation and, *1970:* Nov., **1015–1037**
retinopathy and, *1968:* May, 342
retrolental fibroplasia in, *1970:* May, 310
vs. small-for-date infant, *1970:* Feb., 14, 119
Prenatal influences, upon small-for-date infants, *1970:* Feb., **5–8**
Prepayment financing, in private practice, *1969:* Nov., 885–889
Preventive services for children, *1969:* Nov., **947–955**
Productivity, in pediatric practice, *1969:* Nov., 785
Professor-practitioner exchange program, for pediatricians, *1969:* Nov., **815–820**
Progesterone, maternal and fetal, *1970:* May, 282
Prognathism, dysarthria and, *1968:* Aug., 619
Prolactin. See *Lactogen, human placental.*
Promethazine, obstetric use, effect on fetus, *1970:* Nov., 845
Propicillin, therapeutic uses, *1968:* Feb., 19, 20
Propoxyphene (Darvon) poisoning, *1970:* Aug., 626
Prostaphlin. See *Oxacillin.*
Protein, in amniotic fluid, fetal maturity and, *1970:* Feb., 56
metabolism, ophthalmic disturbances and, *1968:* May, 339
requirements, for parenteral nutrition, *1970:* May, 376
serum, hyaline membrane disease and, *1970:* Nov., 950
Proteus infections, chloramphenicol for, *1968:* Feb., 60
kanamycin for, *1968:* Feb., 76
neomycin for, *1968:* Feb., 76
paromomycin for, *1968:* Feb., 76
Proteus mirabilis infections, cephalothin for, *1968:* Feb., 37
Prothrombin time, abnormal, in surgical patient, *1969:* Aug., 683
Protozoa infections, intestinal, antibiotics for, *1968:* Feb., 238–240
Pseudohermaphroditism, male, maternal estrogens and, *1970:* May, 285
Pseudomonas aeruginosa infections, polymyxins for, *1968:* Feb., 89
Pseudomonas infections, chloramphenicol for, *1968:* Feb., 60
Psilocybin intoxication, *1970:* Aug., 484
Psychedelic drugs, intoxication by, *1970:* Aug., **557–567**
Psychiatric help, in mental retardation, *1968:* Nov., **957–967**
Psychic stimuli, asthmatic hyperresponse and, *1969:* Feb., 152–153
Psychoactive drugs, intoxication by, *1970:* Aug., **557–567**
definitive care in, *1970:* Aug., 561–566
peritoneal dialysis in, 1970: Aug., 563
Psychodynamic theories, of poisoning, *1970:* Aug., **653–685**, 714
of suicide, *1970:* Aug., 688
Psychological disturbances in American children overseas, *1970:* May, 265, 269
Psychological evaluation of mentally retarded, *1968:* Nov., **943–956**
indications for, *1968:* Nov., 952
Psychopharmacology, for asthma, *1969:* Feb., 283
Psychophysiology, asthma and, *1969:* Feb., 277
Psychosis, drug and poison-induced, *1970:* Aug., 480–483
dysgraphia and, *1968:* Aug., 646
Psychotherapy, for asthma, *1969:* Feb., 281, 282
for developmental hyperactivity, *1968:* Aug., 592
Pubarche, *1969:* May, 402
Puberty. See also *Adolescents.*
female growth and development in, *1969:* May, 411–414
male growth and development in, *1969:* May, 408–411
mechanisms, *1969:* May, 403–404
neuroendocrine, *1969:* May, 400–402
onset, variability, *1969:* May, 399, 409
physiologic changes, *1969:* May, **395–406**
precocious, sexual behavior and, *1969:* May, 425
progression of, *1969:* May, 402–403
psychosexual problems, *1969:* May, 404–405
Pulmonary. See also *Lungs.*
allergy, eosinophilia and, *1969:* Feb., 126, 128, 134
edema, barbiturate intoxication and, *1970:* Aug., 625
poisoning and, *1970:* Aug., 493
function, tests of, *1969:* Feb., **159–175**
hypertension, reversible, *1968:* May, 349
Pulmonary hypoperfusion, hyaline membrane disease and, *1970:* Nov., 946
Pupillary changes, poisoning and, *1970:* Aug., 488, 516
Purpura, thrombocytopenic, *1969:* Feb., 229
Pyarthrosis, Hemophilus influenzae in, *1970:* May, 418
Pyelonephritis, incidence of reflux in, *1970:* May, 250
Pyrethrum insecticides, allergy and, *1969:* Feb., 44
Pyridoxine therapy for homocystinuria, *1970:* May, 325
Pyrizinamide, for tuberculosis, *1968:* Feb., 216

QUINACILLIN, therapeutic uses, *1968:* Feb., 20
Quinidine poisoning, test for, *1970:* Aug., 523
Quinine poisoning, test for, *1970:* Aug., 523

RADIAL artery, blood pressure monitoring and, *1969:* Aug., 640
Radiation. See *Roentgen.*
Radiography. See *Roentgen examination.*
Reaction. See also *Allergy, reactions.*
Arthus. See *Toxic complex syndrome.*
to injection therapy for allergy, *1969:* Feb., 259–261
tuberculin, *1969:* Feb., 308
Reading, difficulties, *1968:* Aug., 669–676. See also *Dyslexia, developmental.*
cluttering and, *1968:* Aug., 710
right-left discrimination and, *1968:* Aug., 756
Reagins, *1969:* Feb., 115–117
immediate wheal and flare test for, *1969:* Feb., 308
Reflux, vesicoureteral, diagnosis and treatment of, *1970:* May, 249–251
Regional organization of special care for neonates, *1970:* Nov., **761–776**
Reinforcement, in development of behavior, *1968:* Nov., 972
Reinforcement therapy, for aggression, *1970:* May, 428
for excessive crying, *1970:* May, 430
for negativism, *1970:* May, 431
for passivity, *1970:* May, 432
Reisch test, for heavy metal poisoning, *1970:* Aug., 592
Relative value studies, *1969:* Nov., **865–874**
Renal. See also *Kidneys.*
Renal failure, in fetal malnutrition infants, *1970:* Feb., 178
Renal function, in newborn, *1970:* Nov., 870
Reserpine, obstetric use, effect on fetus, *1970:* Nov., 844
Residency training, pediatric practice and, *1969:* Nov., 796
Residential care facilities, for mentally retarded, *1968:* Nov., **1029–1039**
future needs, *1968:* Nov., 1041
Residual capacity, measurement of, *1969:* Feb., 162
Resistopen. See *Oxacillin.*
Respiration. See also *Breathing; Ventilation.*
artificial, for status asthmaticus, *1969:* Feb., 22
assisted, *1969:* Aug., 617
depressed, after surgery, *1969:* Aug., 606
poisoning and, *1970:* Aug., 493
sedative overdosage and, *1970:* Aug., 618
disorders, inhalation therapy for, *1969:* Aug., **613–620**
disturbed, during speech, *1968:* Aug., 613. See also *Cluttering* and *Stuttering.*
in asthma, *1969:* Feb., 11
maintenance, during transportation of injured child, *1969:* Aug., 567
in shock, *1969:* Aug., 630
Respiration (*Continued*)
mechanics of, *1969:* Feb., 164–166
monitoring, in newborns, *1970:* Nov., 799
patterns, during asphyxia, *1970:* Nov., 852
rapid poisoning and, *1970:* Aug., 493
Respiratory distress, fetal, during labor, *1970:* Nov., 828–832
umbilical cord compression and, *1970:* Nov., 826
idiopathic, of newborn, etiologic theories, *1970:* Nov., **943–965**
in fetal malnutrition infants, *1970:* Feb., 178
postnatal, high-frequency hearing loss and, *1968:* Aug., 686
Respiratory distress syndrome, oxygen for, retrolental fibroplasia and, *1970:* May, 315
Respiratory failure, with status asthmaticus, diagnosis and management, *1968:* May, 377
Respiratory quotient, *1970:* Nov., 868
Respiratory syncytial virus, bronchiolitis and, *1969:* Feb., 56
Respiratory system, effect of poisons on, *1970:* Aug., 493
Respiratory tract. See also *Lungs.*
characteristics, *1968:* May, 357
eosinophilia in, allergy and, *1969:* Feb., 125–135
food allergy and, *1969:* Feb., 220
infections, adenovirus, *1968:* May, 458
antibiotics for, *1968:* Feb., **197–212**
erythromycin for, *1968:* Feb., 123
hospital-associated, *1969:* Aug., 719
parainfluenza virus, *1968:* May, 460
polymyxins for, *1968:* Feb., 90
respiratory syncytial virus, *1968:* May, 462
vaccines and, *1968:* May, 456–462
secretions, removal of, *1969:* Aug., 616
secretory antibody in, viral immunity and, *1970:* May, 394
viral disease, infection and, antibiotic prophylaxis, *1968:* Feb., 269
Resuscitation. See *Heart, massage.*
Retardation, growth, intrauterine. See *Intrauterine growth retardation.*
mental. See *Mental retardation.*
Reticulocytes. See *Erythrocytes.*
Retinoblastoma, *1968:* May, 343
vs. retrolental fibroplasia, *1970:* May, 314
Retinopathy, diabetic, *1968:* May, 340
of prematurity, *1968:* May, 342
Retrolental fibroplasia, *1968:* May, 342
ophthalmoscopy in, *1970:* May, 316, 317–320
resurgence of, *1970:* May, **309–322**
Rh incompatibility, high-frequency hearing loss and, *1968:* Aug., 686
Rh isoimmunization, erythroblastosis fetalis and, *1968:* May, 473–477
Rhabdomyosarcoma, *1968:* May, 343
Rheumatic fever, antibiotic prophylaxis, *1968:* Feb., 268
Rhinitis, allergic, corticosteroids for, *1969:* Feb., 300
diagnosis of, *1969:* Feb., 243
eosinophilia and, *1969:* Feb., 125

Rhinitis (*Continued*)
allergic, infection in, *1969:* Feb., 77
injection therapy for, *1969:* Feb., **243–255**
management of child with, *1969:* Feb., **257–269**
Rhinorrhea, and otorrhea, infection and, antibiotic prophylaxis, *1968:* Feb., 269
Rhinoviruses, vaccines, *1968:* May, 463
Right-left discrimination, *1968:* Aug., **747–758**
in Gerstmann syndrome, *1968:* Aug., 771
Ristocetin, mechanism of action, *1968:* Feb., 4, 5
Ritalin. See *Methylphenidate.*
Roentgen examination, in asthma, *1969:* Feb., 60–63
in chromosomal aberrations, *1968:* May, 409–422
in intestinal obstruction in newborns, *1970:* Nov., **983–1001**
in neonatal pulmonary disorders, *1968:* May, 423–426
in rubella syndrome, *1968:* May, 426–428
in status asthmaticus, *1969:* Feb., 14
of skull, in mental retardation, *1968:* Nov., 840
of wrist, for bone age, *1968:* Nov., 840
pediatric, recent advances in, *1968:* May, **409–432**
pulmonary function tests and, *1969:* Feb., 160
Rondomycin. See *Tetracyclines.*
RSV. See *Respiratory syncytial virus.*
Rubella, complications, *1968:* May, 451
intrauterine growth retardation and, *1970:* Feb., 120–123, 137
ophthalmic, *1968:* May, 341
maternal, deafness due to, *1970:* May, 347, 359
vaccines, *1968:* May, 451–454
Rubella syndrome, roentgen examination in, *1968:* May, 426–428

SABBATICAL leave program, for pediatricians, *1969:* Nov., 802
Safety closures, *1970:* Aug., **707–711**
Salicylates, intoxication by, laboratory analysis for, *1970:* Aug., 512, 518
metabolic aspects, *1970:* Aug., 501
Salicylazosulfapyridine (Azulfidine), *1968:* Feb., 99
Salmonella, diarrhea, cephalothin for, *1968:* Feb., 38
infections, chloramphenicol for, *1968:* Feb., 60
gastrointestinal, antibiotics for, *1968:* Feb., 233–236
hospital-associated, *1969:* Aug., 721
kanamycin for, *1968:* Feb., 76
neomycin for, *1968:* Feb., 76
paromomycin for, *1968:* Feb., 76
Salt water, in poison therapy, comparative value of, *1970:* Aug., 529
Sanfilippo disease (syndrome), *1968:* May, 340
Scandinavian method for treatment of barbiturate poisoning, *1970:* Aug., 558
Scheie's disease (syndrome), *1968:* May, 340
Schizophrenia, dysgraphia and, *1968:* Aug., 647
School, sex education in, *1969:* May, **371–378**
School behavior, in developmental hyperactivity, *1968:* Aug., 584. See also *Learning difficulties.*
Sclerema neonatorum, *1970:* Nov., 1011
Scopolamine, as preanesthetic sedative, *1969:* Aug., 603
Screening examinations, as basis for health care, *1969:* Nov., 781
Seborrheic dermatitis, *1969:* Feb., 202–205
Secobarbital, intoxication by, *1970:* Aug., 480
Sedation, before anesthesia, *1969:* Aug., 603
Sedatives, for allergy, *1969:* Feb., 314
for asthmatic child, *1969:* Feb., 268
in bronchial asthma, *1968:* May, 375
nonbarbiturate, intoxication by, *1970:* Aug., 480
overdosage, aspiration pneumonitis due to, *1970:* Aug., 625
blood levels in, *1970:* Aug., 626
complications of, *1970:* Aug., 625
dialysis in, *1970:* Aug., 624
fluid therapy for, *1970:* Aug., 623
respiratory depression and, *1970:* Aug., 618
therapy for, *1970:* Aug., **617–628**
Seeds, allergy and, *1969:* Feb., 44
Sensitivity response, delayed, *1969:* Feb., 229
Seromycin. See *Cycloserine.*
Serotonin, as mediator of anaphylaxis, *1969:* Feb., 99
for muscle tone disturbances, *1970:* May, 330
Serum sickness, *1969:* Feb., 229
Sex, allergy and, *1969:* Feb., 231
Sex chromatin, investigation of, *1968:* Nov., 879
Sex education, community programs, physician's role, *1969:* May, 478–485
methods and practices, *1969:* May, **429–445**
physicians and, *1969:* May, **459–470, 497–503**
preparing community for, *1969:* May, **471–485**
preparing parents for, *1969:* May, **471–485**
preparing physicians for, *1969:* May, **447–458**
preparing schools for, *1969:* May, **487–496**
programs, needs of children and, *1969:* May, 385–388, **505–525**
teacher requirements, *1969:* May, 489
schools and, *1969:* May, **371–378**
scope, *1969:* May, 449–454
symposium on, *1969:* May, **327–525**
techniques, *1969:* May, 489–492
audiovisual materials, *1969:* May, 443–444

Sex education *(Continued)*
techniques, group dynamics, *1969:* May, 431–432
language and terminology, *1969:* May, 441–443
mixed vs. separate classes, *1969:* May, 440–441
projection and recall, *1969:* May, 437–439
venereal disease and, *1969:* May, 342–345
Sex hormones. See also *Androgens; Estrogens.*
maternal and fetal, *1970:* May, 281–287
Sexual adjustment, in mentally retarded, *1968:* Nov., 962
Sexuality, origins, *1969:* May, 415
Shigella infections, antibiotics for, *1968:* Feb., 231–233
kanamycin for, *1968:* Feb., 76
neomycin for, *1968:* Feb., 76
paromomycin for, *1968:* Feb., 76
Shock, asthmatic. See under *Asthma.*
hyaline membrane disease as, *1970:* Nov., 954
management of, *1969:* Aug., **621–636**
monitoring of patients in, *1969:* Aug., 625–629
pathophysiology of, *1969:* Aug., 623
transportation of child in, *1969:* Aug., 566
Shoes, corrective, for flatfeet, *1970:* May, 301
Shunts, blood. See under *Blood.*
Sickle cell anemia, tests in, *1970:* May, 456
Signemycin, *1968:* Feb., 127
Simon-Binet test of intelligence, *1968:* Nov., 946
Sinusitis, antibiotics for, *1968:* Feb., 202
paranasal, Hemophilus influenzae in, *1970:* May, 419
Skeleton, growth, puberty and, *1969:* May, 410
Skin, diseases. See also *Dermatitis;* and specific diseases, as *Eczema.*
allergic, *1969:* Feb., **193–208**
infections, erythromycin for, *1968:* Feb., 125
polymyxins for, *1968:* Feb., 90
tests, *1969:* Feb., **227–241, 308–309**
for food allergy, *1969:* Feb., 222
for insect allergy, *1969:* Feb., 184–185
Skull. See *Cranium.*
Slow-reacting substance of anaphylaxis (SRS-A), *1969:* Feb., 101–103
Small-for-date infants. See also *Intrauterine growth, retardation.*
assessment of, *1970:* Feb., 159
body water spaces in, *1970:* Feb., 85–91
congenital anomalies in, *1970:* Feb., 19–21
etiology and prognosis, *1970:* Feb., **9–24, 185–198**
growth and development of, *1970:* Feb., **159–167**
heat production and thermoregulation in, *1970:* Feb., **147–158**
intelligence quotient of, *1970:* Feb., 12–18
perinatal complications in, *1970:* Feb., 161
postnatal malnutrition of, *1970:* Feb., 18
Small-for-date infants *(Continued)*
prenatal influences, *1970:* Feb., **5–8**
symposium on, *1970:* Feb., **1–202**
Soaps, toxicity of, *1970:* Aug., 577, 587
Social welfare agencies. See *Welfare agencies.*
Sodium, daily requirements, *1969:* Aug., 582
Sodium amobarbital, intoxication by, *1970:* Aug., 480
Sodium bicarbonate, for bronchial asthma, *1968:* May, 367
Solo practice, arguments for, *1969:* Nov., **939–944**
Solu-Cortef. See *Hydrocortisone.*
Somatomammotropin, chorionic. See *Lactogen, human placental.*
Special care for neonates, regional organization of, *1970:* Nov., **761–776.** See also *Intensive care units, neonatal.*
Speech, cerebral dominance and, *1968:* Aug., 763
delayed, *1968:* Aug., **627–638**
brain injury and, *1968:* Aug., 633
cerebral dominance and, *1968:* Aug., 767
cluttering and, *1968:* Aug., 710
defective hearing and, *1968:* Aug., 632
differential diagnosis in, *1968:* Aug., 629–637
emotional deprivation and, *1968:* Aug., 636
hearing evaluation in, *1968:* Aug., 725
histidinemia and, *1968:* Aug., 636
infantile autism and, *1968:* Aug., 635
mental retardation and, *1968:* Aug., 629
disorders, *1968:* Aug., **611–626**
anatomic, *1968:* Aug., 615. See also *Dysarthria.*
classification of, *1968:* Aug., 611–623
developmental, *1968:* Aug., 623–625
histidinemia and, *1968:* Aug., 636
neurologic, *1968:* Aug., 620
physiologic, *1968:* Aug., 615. See also *Dysarthria.*
respiratory coordination, *1968:* Aug., 613. See also *Cluttering and Stuttering.*
secondary, *1968:* Aug., 622
voicing, *1968:* Aug., 611
slow development of, *1968:* Aug., 623–625
Speech therapy, for stuttering, *1968:* Aug., 615, 702
Sphincter, external, spasm of, causes of, *1970:* May, 246
Sphingolipidoses, *1968:* May, 500
Spinal cord. See *Nervous system.*
Spine, injuries to, transportation of child with, *1969:* Aug., 570
Spirometry, *1969:* Feb., 160–164
Splenectomy, infection after, antibiotic prophylaxis, *1968:* Feb., 268
Splints, Denis Browne, for flatfeet, *1970:* May, 301
SRS-A (slow-reacting substance of anaphylaxis), *1969:* Feb., 101–103
Stammering. See *Stuttering.*
Stanford-Binet test of intelligence, *1968:* Nov., 946

Staphylococcus infections. See also *Respiratory tract, infections.*
antibiotics for, *1968:* Feb., **167–183**
prophylactic, *1968:* Feb., 264
surgical drainage and, *1968:* Feb., 176
bacterial interference in, *1968:* Feb., 176
cephalothin for, *1968:* Feb., 36
chloramphenicol for, *1968:* Feb., 60
erythromycin for, *1968:* Feb., 121
gastrointestinal, *1968:* Feb., 236
hospital-associated, *1969:* Aug., 706, 710
lincomycin for, *1968:* Feb., 136
steroids for, *1968:* Feb., 180
sulfonamides for, *1968:* Feb., 96
treatment of, *1969:* Aug., 750–752
triacetyloleandomycin for, *1968:* Feb., 127
vancomycin for, *1968:* Feb., 93
Status asthmaticus. See under *Asthma.*
Steatorrhea. See also *Celiac syndrome.*
deoxystreptamines and, *1968:* Feb., 78
Steclin. See *Tetracyclines.*
Steroids. See also *Corticosteroids; Hormones;* and specific steroids.
in amniotic fluid, fetal maturity and, *1970:* Feb., 63
Stimulants, central nervous system, intoxication by, *1970:* Aug., 480
intoxication by, *1970:* Aug., **557–567**
Stings, bee, diagnosis of, *1969:* Feb., 182
insect, allergy and, *1969:* Feb., **177–191**
Stomach. See also *Gastrointestinal tract.*
irrigation, for temperature control, *1969:* Aug., 656
Strephosymbolia, *1968:* Aug., 656
Streptococcus infections. See also *Respiratory tract, infections.*
antibiotic prophylaxis, *1968:* Feb., 262
cephalothin for, *1968:* Feb., 36
chloramphenicol for, *1968:* Feb., 60
erythromycin for, *1968:* Feb., 121, 124
lincomycin for, *1968:* Feb., 136
triacetyloleandomycin for, *1968:* Feb., 127
Streptococcus viridans infection, cephalothin for, *1968:* Feb., 36
Streptomycin, *1968:* Feb., **73–83**
dosage and routes of administration, *1968:* Feb., 283, 289
for laryngotracheitis, *1968:* Feb., 206
for surgical infections, *1969:* Aug., 761
for tuberculosis, *1968:* Feb., 215; May, 531
mechanism of action, *1968:* Feb., 4
preparation procedure, *1968:* Feb., 280
Strychnine poisoning, test for, *1970:* Aug., 523
Stuttering, *1968:* Aug., **691–704**
causes, *1968:* Aug., 613
cerebral dominance and, *1968:* Aug., 766
dysgraphia and, *1968:* Aug., 644
onset, *1968:* Aug., 614
sex incidence, *1968:* Aug., 701
therapy, *1968:* Aug., 615, 702
vs. cluttering, *1968:* Aug., 613, 714–715
vs. dysfluency, *1968:* Aug., 692, 700
Subaortic stenosis, muscular, *1968:* May, 352
Subdural effusion, postmeningitic, *1970:* May, 370
Subdural fluid collections, in infants, diagnosis and treatment of, *1970:* May, **363–372**
Subdural hematoma, *1970:* May, 363, 364–370
Subdural tap, in subdural hematoma, *1970:* May, 368
Succinylsulfathiazole, *1968:* Feb., 99
Suicide, attempted, *1970:* Aug., 690
demographic characteristics, *1970:* Aug., 699
in children and adolescents, *1970:* Aug., **687–696**
physician's role, *1970:* Aug., 693
predisposing factors, *1970:* Aug., 688
taxonomy of, *1970:* Aug., **697–706**
Sulfacetamide, *1968:* Feb., 97
Sulfachlorpyridazine, *1968:* Feb., 97
Sulfadiazine, *1968:* Feb., 97
preparation procedure, *1968:* Feb., 281
Sulfadimethoxine, *1968:* Feb., 98
Sulfaethidole, *1968:* Feb., 97
Sulfaguanidine, *1968:* Feb., 99
Sulfamerazine, *1968:* Feb., 97
Sulfamethazine, *1968:* Feb., 97
Sulfamethizole, *1968:* Feb., 97
Sulfamethoxazole, *1968:* Feb., 98
Sulfamethoxypyridazine, *1968:* Feb., 98
Sulfanilamide derivatives, poisoning by, test for, *1970:* Aug., 523
Sulfaphenazole, *1968:* Feb., 98
Sulfapyridines, *1968:* Feb., 99
Sulfasuxidine. See *Succinylsulfathiazole.*
Sulfathalidine. See *Phthalylsulfathiazole.*
Sulfisomidine, *1968:* Feb., 97
Sulfisoxazole, *1968:* Feb., 97
preparation procedure, *1968:* Feb., 281
Sulfite oxidase deficiency, *1968:* May, 499
Sulfonamides, *1968:* Feb., **95–105**
dosage and routes of administration, *1968:* Feb., 289
for urinary tract infections, *1968:* Feb., 257
therapeutic uses, *1968:* Feb., 96
in newborn, *1968:* Feb., 158
Sumycin. See *Tetracyclines.*
Surgery, cardiac, infection and, *1969:* Aug., 726
diabetes mellitus and, *1969:* Aug., **671–679**
fluid and electrolyte therapy in, *1969:* Aug., **581–591**
for acutely ill child, *1969:* Aug., 576
gastrointestinal, antibiotics and, *1968:* Feb., **243–249**
preoperative, *1968:* Feb., 80
complications, *1969:* Aug., 693–697
hematologic complications, *1969:* Aug., **681–692**
in newborn, *1969:* Aug., 688
hospital environment and, *1969:* Aug., **531–542**
in newborn, *1969:* Aug., 579
operating room temperature, *1969:* Aug., 653

Surgery *(Continued)*
in newborn, support of parents, *1969:* Aug., 555
infection and, *1969:* Aug., 713–718, **735–766**
cephalothin for, *1968:* Feb., 38
polymyxins for, *1968:* Feb., 90
of colon, preoperative preparation, *1969:* Aug., 741–742
preoperative evaluation, *1969:* Aug., **573–580**
preparation of child and family for, *1969:* Aug., **543–553**
supportive care in, symposium on, *1969:* Aug., **529–766**
temperature measurement during, *1969:* Aug., 647
wounds of, complications in, *1969:* Aug., 698–700
Susphrine, for allergy, *1969:* Feb., 317
Swallow, volume of, *1970:* Aug., 584
Sweating, thermoregulation and, in small-for-date infants, *1970:* Feb., 151
Sympathomimetic drugs, for allergy, *1969:* Feb., 266, 316, 317
for hyperactivity, *1968:* Aug., 591
undesirable effects of, *1969:* Feb., 17
Syndromes. See also specific syndromes.
delineation by epidemiology, *1968:* May, **387–394**
fragmentary, *1968:* May, 392
Syphilis, diagnosis and treatment, *1969:* May, 337–338
incidence, *1969:* May, 335
Systemic allergic reaction, *1969:* Feb., 260, 261

TACHYCARDIA, poisoning and, *1970:* Aug., 494
Tachylalia, in cluttering, *1968:* Aug., 707
Talonavicular dislocation, congenital, flatfeet due to, *1970:* May, 303
Talus, congenital vertical, flatfeet due to, *1970:* May, 303
TAO. See *Triacetyloleandomycin; Oleandomycin.*
Tarsal coalition, congenital, flatfeet due to, *1970:* May, 304
Teenagers. See *Adolescents; Puberty.*
Teeth, anatomy, *1968:* May, 326–328
care of, mental retardation and, *1968:* Nov., 847
development, chronological, *1968:* May, 328–329
discolored, *1968:* May, 334
by tetracyclines, *1968:* Feb., 50
trauma and, *1968:* May, 334
Tego Pen. See *Cloxacillin.*
Temperature. See also *Hyperthermia; Hypothermia.*
allergy and, *1969:* Feb., 50
control of, *1969:* Aug., 651–658
by internal methods, *1969:* Aug., 656
in small-for-date infant, *1970:* Feb., **147–158**

Temperature *(Continued)*
evaluation of measurements, *1969:* Aug., 650
in shock, *1969:* Aug., 628
monitoring and regulation, *1969:* Aug., **643–660**
of operating room, for surgery of newborn, *1969:* Aug., 653
surgery and, *1969:* Aug., 647
Temporal artery, blood pressure monitoring and, *1969:* Aug., 641
Terramycin. See *Tetracyclines.*
Tests. See also specific tests.
autohemolysis, in hemolytic disorders, *1970:* May, 459
Denver Developmental Screening, *1968:* Nov., 836
for poisoning. See under specific causative agent.
Heaf multiple puncture, *1968:* May, 523
in fetal malnutrition infants, *1970:* Feb., 176
in mental retardation, *1968:* Nov., 840
intelligence, in mental retardation, *1968:* Nov., 945
Mantoux, *1968:* May, 515
neuropsychological, in learning disorders, *1970:* May, 340–342
of estriol excretion, in high-risk pregnancy, *1970:* Feb., 43
of gestational age, *1970:* Feb., 128
of perception, *1968:* Nov., 948
of social adaptability, *1968:* Nov., 949
Ortolani's, *1970:* May, 292
passive transfer, *1969:* Feb., 238
Porteus Maze, *1968:* Nov., 946
screening, for hereditary metabolic disorders, *1968:* Nov., 894
Simon-Binet, *1968:* Nov., 946
skin, *1969:* Feb., **227–241**. See also under *Skin.*
Stanford-Binet, *1968:* Nov., 946
tine, *1968:* May, 524
tuberculin, *1968:* May, 515–526
Wechsler, *1968:* Nov., 946
Testes, puberty and, *1969:* May, 409
Testicular feminization syndrome, *1969:* May, 396
Tetracyclines (Achromycin; Sumycin; Tetracyn), *1968:* Feb., **43–55**.
dosage and routes of administration, *1968:* Feb., 283, 290
excretion and fate, *1968:* Feb., 48
for Mycoplasma pneumoniae pneumonia, *1968:* Feb., 209
for newborns, *1969:* Aug., 753
for surgical infections, *1969:* Aug., 760
for syphilis, *1969:* May, 338
for urinary tract infections, *1968:* Feb., 257
mechanism of action, *1968:* Feb., 4
preparation procedure, *1968:* Feb., 281
resistance, *1968:* Feb., 44
therapeutic uses, *1968:* Feb., 43
in newborn, *1968:* Feb., 158
toxicity and side effects, *1968:* Feb., 49

Tetracyn. See *Tetracyclines.*
Tetrex. See *Tetracyclines.*
Thallium poisoning, *1970:* Aug., 610–611
THAM, for status asthmaticus, *1969:* Feb., 21
Thelarche, *1969:* May, 402
Theophylline, for allergic symptoms, *1969:* Feb., 267
for bronchial asthma, *1968:* May, 370
Thermometers, types, *1969:* Aug., 648
Thermoregulation, in small-for-date infant, *1970:* Feb., **147–158**
Thorax. See also *Heart; Lungs.*
changes, asthma and, correction of, *1969:* Feb., 33
Thorazine. See *Chlorpromazine.*
Thoridazine, for hyperactivity, *1968:* Aug., 591
Throat, pain in, poisoning and, *1970:* Aug., 493
Thrombocytopenic purpura, *1969:* Feb., 229
Thromboplastin time, partial, abnormal, in surgical patient, *1969:* Aug., 684
Thrombosis, umbilical vessel catheterization and, *1970:* Nov., 908
Thrombotic syndromes, in newborns, *1970:* Nov., 939
Thyroid gland, hormones, intrauterine growth and, *1970:* Feb., 112
maternal and fetal, *1970:* May, 273–278
Thyrotoxicosis, neonatal, *1970:* Nov., 1008
Tibial torsion, pigeon-toes due to, *1970:* May, 296
Tine test, for tuberculosis, *1968:* May, 524
Tinea, griseofulvin for, *1968:* Feb., 114
Tobacco, ingestion of, *1970:* Aug., 587
Toeing-in. See *Pigeon-toes.*
Toilet training, sexual development and, *1969:* May, 417
Toluene, toxicity of, *1970:* Aug., 589
Tongue, abnormalities and malfunction, speech disorders and, *1968:* Aug., 615. See also *Dysarthria.*
agenesis of, dysarthria and, *1968:* Aug., 618
dyskinesia of, 5-hydroxytryptamine for, *1970:* May, 331
geographical, *1969:* Feb., 212
Tongue-tie, *1968:* Aug., 616
dysarthria and, *1968:* Aug., 617
Tonsillectomy, in allergic children, indications for, *1969:* Feb., 78
Tonsillopharyngitis, antibiotics for, *1968:* Feb., 203
Toxic complex syndrome, *1969:* Feb., 229, 308
skin tests for, *1969:* Feb., 238
Toxicity, assessment of, *1970:* Aug., 570
definition of, legal, *1970:* Aug., 645
Toxicology, *1970:* Aug., **509–514, 515–524**
Toxins, identification of, tests for, *1970:* Aug., 518–524. See also specific substances.
laboratory analysis of, *1970:* Aug., 511–513
Tracheoesophageal fistula, roentgen examination, *1970:* Nov., 984
Tracheostomy, for status asthmaticus, *1969:* Feb., 22
in infants, *1969:* Aug., 618
Tranquilizers. See also under names of tranquilizers, as *Phenothiazines.*
for allergy, *1969:* Feb., 314
intoxication by, *1970:* Aug., 480
Transfusion, albumin, *1969:* Aug., 597
dextran, *1969:* Aug., 597
exchange, bowel perforation and, *1970:* Nov., 909
in poison therapy, *1970:* Aug., 565, 624
umbilical vessel catheterization and, *1970:* Nov., 902
fetal-maternal, *1970:* May, 404
in newborn, cold stress and, *1970:* Nov., 794
during surgery, *1969:* Aug., **593–600**
hyaline membrane disease and, *1970:* Nov., 946, 947
plasma components, *1969:* Aug., 596
platelet, *1968:* May, 481–484; *1969:* Aug., 595
red cell, *1969:* Aug., 594
twin-to-twin, *1970:* May, 405
white cell, *1968:* May, 484–485
Transplacental oxygen gradient, *1970:* Nov., 812
alterations in, *1970:* Nov., 818
Transplantation, of heart, *1968:* May, 350
Transportation, of critically ill or injured child, *1969:* Aug., **565–571**
Transposition, of great vessels. See under *Blood vessels.*
Trauma, subdural hematoma due to, *1970:* May, 364
Treponema pallidum infections, erythromycin for, *1968:* Feb., 121
Triacetyloleandomycin, *1968:* Feb., 126–128. See also *Oleandomycin.*
Triad syndrome, diagnosis and treatment of, *1970:* May, 247
Trifluoperazine, for hyperactivity, *1968:* Aug., 591
Trihexyphenidyl (Artane) intoxication, *1970:* Aug., 480
Triiodothyronine for maternal hypothyroidism, effect on fetus, *1970:* May, 275
Triose phosphate isomerase deficiency, *1968:* May, 500
Trisomy. See *Chromosomes, abnormalities of.*
Trypsinogen deficiency disease, *1968:* May, 499
Tuberculin converters, *1968:* May, 542
Tuberculin reaction, *1969:* Feb., 308
Tuberculin test, *1968:* May, 515–526
Tuberculosis, antibiotics for, *1968:* Feb., **213–225**
prophylactic, *1968:* Feb., 262
antimicrobial-resistant, *1968:* May, 533
atypical mycobacteria and, *1968:* May, 526–530
BCG vaccination, *1968:* May, 536, 538, 539

Tuberculosis *(Continued)*
current approach to, *1968:* May, **513–547**
current status in United States, *1968:* May, 513–515
drug therapy, *1968:* May, 530–535, 540
hospital-associated, *1969:* Aug., 719
in American children overseas, *1970:* May, 268
in newborn, *1968:* Feb., 220
intra-abdominal, antibiotics for, *1968:* Feb., 223
miliary, antibiotics for, *1968:* Feb., 221
of bones and joints, antibiotics for, *1968:* Feb., 222
of kidney, antibiotics for, *1968:* Feb., 223
of lymph nodes, antibiotics for, *1968:* Feb., 221
prevention, *1968:* Feb., 224; May 536–544
primary, antibiotics for, *1968:* Feb., 218
asymptomatic, antibiotics for, *1968:* Feb., 219
progressive, antibiotics for, *1968:* Feb., 219
reactivation of, *1968:* May, 542
Tumors. See also *Carcinoma;* and under organs and regions.
childhood, congenital hemihypertrophy and, *1968:* May, 391
vascular, of placenta and cord, *1970:* Feb., 35–38
Turner's syndrome, *1969:* May, 396. See also *Gonads, dysgenesis.*
intrauterine growth retardation in, *1970:* Feb., 106
Twins, birth weights of, prognosis and, *1970:* Feb., 13
fetal malnutrition in, *1970:* Feb., 172
prenatal influences upon, *1970:* Feb., 5
Twitching, facial, poisoning and, *1970:* Aug., 488
Tyrocidin, mechanism of action, *1968:* Feb., 4, 5

ULCERATIVE colitis, sulfonamides for, *1968:* Feb., 96, 99
Umbilical artery, as route for parenteral hyperalimentation, *1970:* Nov., 888
blood pressure monitoring and, *1969:* Aug., 641
catheterization, *1970:* Nov., **895–912**
Umbilical cord, abnormal insertions of, *1970:* Feb., 30–33
anomalies and rupture of, hemorrhage due to, *1970:* May, 403
compression, fetal distress and, *1970:* Nov., 826
vascular tumors of, *1970:* Feb., 35–38
Umbilical vein, as route for parenteral hyperalimentation, *1970:* Nov., 889
catheterization, *1970:* Nov., **895–912**
Unconsciousness, prolonged, after surgery, *1969:* Aug., 607
Unipen. See *Nafcillin.*
Universal antidote, inadequacy of, *1970:* Aug., 527
vs. activated charcoal, *1970:* Aug., 540
Uremia, hemorrhage and, in surgical patient, *1969:* Aug., 689
Ureterocele, ectopic, diagnosis of, *1970:* May, 244
Urethral valves, posterior, cystourethrography in, *1970:* May, 240
diagnosis and treatment of, *1970:* May, 238–241
Urinary tract. See also *Genitourinary tract;* and under names of organs.
abnormalities, infection and, antibiotic prophylaxis, *1968:* Feb., 270
infections, antibiotics for, *1968:* Feb., **251–260**
causes of, *1968:* Feb., 147
cephalothin for, *1968:* Feb., 37
cystourethrography in, *1970:* May, 235–238
hospital-associated, *1969:* Aug., 723
polymyxins for, *1968:* Feb., 90
problems related to, diagnosis and treatment of, *1970:* May, **233–253**
sulfonamides for, *1968:* Feb., 96, 97
treatment of, *1969:* Aug., 748–750
tuberculous, *1968:* Feb., 259
Urine, discolored, poisoning and, *1970:* Aug., 491, 516
estriol in, in high-risk pregnancy, *1970:* Feb., **43–48**
output, in shock, *1969:* Aug., 628
retention, postoperative, *1969:* Aug., 697
Urography, intravenous, in ectopic ureterocele, *1970:* May, 245
Urticaria, *1969:* Feb., 207–209
angioedema and, *1969:* Feb., 228
eosinophilia in, *1969:* Feb., 137
food and, *1969:* Feb., 220
infection in, *1969:* Feb., 80

VACCINES. See also *Immunization.*
bacterial, for asthma, *1969:* Feb., 75
BCG, *1968:* 536, 538, 539
for chickenpox, *1968:* May, 464
for herpes, *1968:* May, 464
for mumps, *1968:* May, 447–451
for pneumonia, atypical, *1968:* May, 457
for respiratory infection, *1968:* May, 456–462
for rubella, *1968:* May, 451–454
for tuberculosis. See under *Tuberculosis.*
for virus infection, *1968:* May, **447–472**
enterovirus, *1968:* May, 465
rhinovirus, *1968:* May, 463
future possibilities of, *1968:* May, 465–466
Vaccinia, *1968:* May, 454–456
Vagotonia, asthma and, *1969:* Feb., 155
Vancocin. See *Vancomycin.*
Vancomycin, *1968:* Feb., **85–94**
absorption and excretion, *1968:* Feb., 93
dosage and routes of administration, *1968:* Feb., 290
mechanism of action, *1968:* Feb., 4, 5
preparation procedure, *1968:* Feb., 281
toxicity, *1968:* Feb., 93
uses, *1968:* Feb., 92

Vascular collapse, poisoning and, *1970:* Aug., 494
Vasodilation, thermoregulation and, in small-for-date infants, *1970:* Feb., 151
Vasodilator therapy, for shock, *1969:* Aug., 632
Veins. See also *Artery(ies); Blood vessels; Cardiovascular system.*
  external jugular, central venous pressure monitoring and, *1969:* Aug., 638
Veneral disease, *1969:* May, **333–345**
  contraception and, *1969:* May, 358
  control methods, *1969:* May, 340–342
  erythromycin for, *1968:* Feb., 126
  sex education and, *1969:* May, 342–345
Ventilation. See also *Respiration.*
  assisted, *1969:* Aug., 618
    in newborns, *1970:* Nov., 802
    in treatment of status asthmaticus, *1969:* Feb., 22
  exercises for improvement of, *1969:* Feb., 31
Ventilatory volume, maximal, *1969:* Feb., 163
Ventricular fibrillation, treatment, *1969:* Aug., 665
Ventricular septal defect, *1970:* Nov., 977
Vertebrae. See *Spine.*
Vesicoureteral reflux, diagnosis and treatment of, *1970:* May, 249–251
Viomycin, for tuberculosis, *1968:* Feb., 217
Viral bronchiolitis, acute, pathology of, *1969:* Feb., 57
Viruses, infections, immunoglobulins in prevention of, *1970:* May, **385–400**
    ophthalmic complications of, *1968:* May, 341
    vaccines and, *1968:* May, **447–472**
  respiratory syncytial, bronchiolitis and, *1969:* Feb., 56
Vision, altered, poisoning and, *1970:* Aug., 488
  disturbed, developmental dyslexia and, *1968:* Aug., 672–673
Visual acuity screening, *1968:* May, 337
Vital capacity, measurement of, *1969:* Feb., 161
Vitamins, requirements, for infants, *1970:* Nov., 924
    for parenteral nutrition, *1970:* May, 376
Vocational training, for mentally retarded, *1968:* Nov., **1017–1028**
Voice, disorders of, *1968:* Aug., 611
  in high-frequency hearing loss, *1968:* Aug., 680
Vomiting, poisoning and, *1970:* Aug., 491, 516
Vomitus, odor of, poisoning and, *1970:* Aug., 492

WADA test, for cerebral dominance, *1968:* Aug., 765
Water. See also *Fluids.*
  circulating mattresses, use for newborns, *1969:* Aug., 654
Weather, allergy and, *1969:* Feb., 45
Wechsler test of intelligence, *1968:* Nov., 946
Welfare agencies, mental retardation and, *1968:* Nov., 830, 856, **989–1003**
    future needs, *1968:* Nov., 998, 1041
    services, *1968:* Nov., 994
Wheal and flare test, immediate, for reagin, *1969:* Feb., 308
Whooping cough. See *Pertussis.*
Wilson-Mikity syndrome, roentgen manifestations of, *1968:* May, 423
Word-blindness, congenital, *1968:* Aug., **669–676**. See also *Dyslexia, developmental.*
Wounds, infections, staphylococcal, antibiotics for, *1968:* Feb., **167–183**
    antibiotic prophylaxis, *1968:* Feb., 266
  surgical, complications in, *1969:* Aug., 698–700
    infections of, *1969:* Aug., 715
Wrist, roentgen examination, for bone age, *1968:* Nov., 840
Writing. See *Handwriting.*
Writing materials, toxicity of, *1970:* Aug., 586

XANTHINES, for allergy, *1969:* Feb., 315
X-ray. See *Roentgen.*

ZINC sulfate, for poisoning, evaluation of, *1970:* Aug., 529